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STATE DOCUMENTS

THIRD ANNUAL REPORT

OF THE

BUREAU

OF

Agriculture, Labor and Industry

OF

MONTANA

For the Year ended November 30, 1895.

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JAMES H. MILLS,	-	-	-	-	-	COMMISSIONER
A, C. SCHNEIDER,	-	-	-	-	-	CHIEF CLERK

---

STATE PUBLISHING COMPANY,  
STATE PRINTERS AND BINDERS

HELENA,  MONTANA.  
1896.

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1896.

STATE OF MONTANA,  
BUREAU OF AGRICULTURE, LABOR AND INDUSTRY,  
HELENA, DECEMBER 1, 1895.

TO HIS EXCELLENCY JOHN E. RICKARDS,  
Governor of Montana.

SIR:—

In accordance with Section 761 of the Political Code, I have the honor to present to you the Third Annual Report of the Bureau of Agriculture, Labor and Industry of the State of Montana.

I am, Very Respectfully,  
JAMES H. MILLS, Commissioner.



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# PART I.

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## INTRODUCTORY

RELATING TO STATE CENSUS—IMMIGRATION—  
AGRICULTURAL STATISTICS—RECLAMATION  
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SYSTEM OF REPORTS.

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ARBITRATION AND MEDIATION.

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FREE PUBLIC EMPLOYMENT OFFICE.

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THE RUSSIAN THISTLE.

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# INTRODUCTORY.

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In presenting the Third Annual Report of this Bureau it is deemed proper to make some introductory reference to certain duties devolved upon it, and legislative action, or lack of action, by the Fourth Legislative Assembly effecting the same.

## THE STATE CENSUS.

The Constitution of the State provides:

Art. VI, Sec. 2. The Legislative Assembly shall provide by law for an enumeration of the inhabitants of the State in the year 1895, and every tenth year thereafter; and at the session next following such enumeration, and also at the session next following an enumeration made by the authority of the United States, shall revise and adjust the apportionment for representatives on the basis of such enumeration according to ratios to be fixed by law.

The act establishing this Bureau, approved February 17th, 1893, provided by law for such enumeration, devolving the duties on this Bureau. That the Fourth Legislative Assembly, which was to convene on the first Monday in January, 1895, and which would be the last regular session prior to the time fixed for taking said census, might have as full information as was obtainable of the cost of taking such census so it could make adequate appropriation therefor the Commissioner of this Bureau communicated with the officers in charge of the U. S. Census Bureau at Washington, and the Supervisor of the U. S. Census for Montana in 1890, and presented in his Report dated December 1st, 1894, the material facts obtained from them in relation to the methods and cost of taking the census of Montana. The House took the subject under consideration and designated a committee which gave considerable attention to the subject. To this committee the Commissioner submitted with detailed estimates the methods of taking the census—one by enumerators appointed especially for that purpose, as was the practice in taking the United States Census, and one whereby the assessors and their deputies would take the census while making their annual assessment in 1895. It was estimated the first method would cost the State from \$22,000 to \$25,000, and that the latter method would cost about \$13,500. The committee after mature consideration concluded to adopt the first method and the present law being somewhat crude and inadequate in its provisions, they presented a series of desirable amendments which passed the House and went to the Senate but there in the last days of the session failed to pass. The result was no legislation was had on the subject; no appropriation was made for taking the census in 1895, and none has been taken. While it is not believed an apportionment of representation based on a census taken twenty months before such apportionment could be made would secure as fair and satisfactory a representation as one based on the total number of votes cast at the general election held three months before such apportionment, and while the expense is unavoidably great in so large a State as Montana, the constitutional provision seemed to require it and this Bureau had prepared to do the work if the Legislature should provide the means therefor.

## IMMIGRATION.

That the State and large numbers of investors and agricultural people in the States east and south-east of us would be mutually benefitted by disseminating facts concerning our unequaled mineral resources and products, and agricultural areas, productions.

markets and conditions generally with a view to inducing investigation by capitalists and the acquisition and cultivation by worthy persons of farms in Montana is patent to all who have given the subject careful thought. This matter has been elaborated in former reports and in a publication referred to hereafter. To encourage such inquiry and immigration is one of the duties of this Bureau, and it has contributed to the extent it could in so doing, at the same time carefully avoiding exaggerations and invitation to additional people to compete for employment in overcrowded avocations. The congested condition of the agricultural industries in many neighboring states during recent years, the excess of unemployed and the failure there of crops for successive years led to innumerable inquiries concerning principally the agricultural conditions and the methods of acquiring lands in Montana. A large number of these inquiries were directed or referred to this Bureau. While all were answered as fully as possible it was not found practicable by the Commissioner and clerk employed in the Bureau to furnish by letter comprehensive and detailed replies to all these inquiries. Further than this, while some local publications have been issued by cities, railroads and other companies, and while some statistics relating to the State generally had been compiled and published, there had been no systematic and thorough preparation and assembling of facts and statistics of the entire State covering all general inquiries intending settlers would be likely to make in seeking out a land in which to make a home. It was believed the preparation, publication and dissemination of a pamphlet covering these matters, which is within the duties assigned to this Bureau, was very desirable, but no appropriation to cover the expense of publishing and distributing any considerable amount of such literature, even if prepared, had been made. The number of inquiries being made, the desire in a number of counties to acquire agricultural settlers and the favorable opportunities many portions of Montana offer to them, induced the belief that an extensive distribution of descriptive pamphlets by the State and local communities would probably bring to Montana a considerable tide of agricultural people seeking lands and locations where they could homestead, lease or purchase. The radically different conditions existing here from those in localities from which such settlers would mostly come, and the evils of having a larger influx of even the most desirable immigrants than can be speedily absorbed into the occupations and industries of a community or state, suggested that there should be local organizations under official responsibility in those counties inviting immigration to aid and assist it, or its representatives, on arrival to find suitable and desirable locations or employment, to prevent imposition, and generally to give it friendly counsel and assistance at the time most needed. With these objects in view the following entitled "A Bill for an act to encourage desirable immigration to Montana" was prepared by the Commissioner of the Bureau and presented to the Legislature through the Senate Committee on Immigration:

Sec. 1. The Commissioner of Agriculture, Labor and Industry is hereby authorized and directed to have prepared and published and to distribute in such manner as shall to him appear for the best interests of the State a pamphlet, or pamphlets, containing descriptive and statistical matter relating to the State, especially to the topography, resources, climate, productions, markets and agricultural capabilities of Montana; also concerning the public lands and methods of obtaining the same; the prevailing prices of improved and unimproved private lands; taxation; transportation facilities; wages; cost of living; schools; churches and all kindred subjects available which will give to intending immigrants a knowledge of the State and the inducements it offers, especially to those of the agricultural class, the same to be accompanied by maps in the discretion of the Commissioner.

Sec. 2. The County Commissioners of the several counties of Montana may each establish a local Board of Immigration and appropriate from the general funds of the respective counties a sum not exceeding fifteen hundred dollars (\$1,500) each, annually, to carry on or aid the work of inducing immigration thereto; Provided, such local Boards shall immediately after their organization notify said Commissioner thereof, and thereupon, and at least every three months thereafter, advise him of the number and classes of immigrants each desire and can readily absorb in its industries; whether farmers who have the means to purchase improved lands or to establish themselves on unim-

proved lands, or laborers, artisans or others, specifying the number of each class, and, if foreign immigrants are desired, what nationalities are preferred; Provided further, that on the arrival of such immigrants it shall be the duty of such Board to receive and aid them in speedily securing locations or employment, and shall at once notify the Commissioner when no more immigrants can be readily and advantageously absorbed in the industries of their County.

Sec. 3. That for the purpose of carrying into effect the provisions of the first section of this Act there is hereby appropriated from any moneys in the State Treasury for the year 1895 the sum of ————dollars, and for the year 1896 the sum of ————dollars.

Sec. 4. This act shall take effect and be in force from and after its passage.

The Committee inserted \$2,500 as the amount to be expended in preparing, publishing and disseminating the pamphlets described in the first section in 1895 and \$1,500 in 1896. This bill failed to pass the senate. It is reproduced here in the belief that it is in its general features at least a proper and desirable measure; that it establishes a system for the benefit of the State and for the welfare of immigrants; that it will be approved by those who give the subject consideration and that a succeeding Legislative Assembly will adopt it, or some modification of it. The State has expended in years past large sums in exhibiting its resources at expositions with the purpose of inducing investment and immigration and authorized a large amount of literature for circulation at the World's Fair. If these were well directed efforts for the welfare of the State it would appear the policy should be continued by methods that are comparatively inexpensive and of proven efficiency.

—The demand for information of the nature above referred to continuing after the adjournment of the Legislature the Commissioner consulted with Governor Rickards and with his approval prepared and published 5,000 copies of a pamphlet of 70 pages entitled "Montana—The Treasure State," at an expense of \$440.00 for publication, it being thought better this amount should be used from the \$1,500 appropriated for the total expenses of this Bureau, even if it could ill be spared, than that the opportunity of giving inquirers at least some general idea of conditions in the State should be lost. The pamphlet covered in a condensed form the principal features indicated in the first section of the above bill. It was largely made up from statistics collected by this Bureau in its regular work. While not as complete in some respects as the Commissioner desired, it apparently met with approval by press and public and those inquirers to whom it was sent and has had its effect in promoting settlement and investment.

The facts and statistics therein assembled and presented also furnish in available and concise form material for other publications and have been extensively used in that manner. Requests were made by those who could distribute it advantageously for more than the entire edition, and these could be only partially complied with. It is respectfully submitted that there should be means provided for issuing each year a larger edition, revised to date, and in somewhat more amplified form, to meet the demand for information of this character concerning the State.

Its prosperity depends largely upon the development of its agricultural resources: upon diverting to its arid lands the waters now flowing unused to the sea; upon inducing industrious and worthy agriculturists to acquire, improve and cultivate the farming lands of the State; and upon encouraging consumption of Montana grown farm products in preference to those imported. General and systematic effort in these directions will result in increased and stable population; in the establishment of other industries and manufactures; in improved commercial conditions and in the upbuilding of the State. The time to energetically undertake this work is now while the demands of our local markets are in excess of the supply and the best in the land, while waters and lands are available and desirable immigrants from beyond our State boundaries are seeking such conditions.

But while the larger inquiry was in the direction of acquiring agricultural lands and the pamphlet referred to more especially treated that subject, there are still very important topics that should be taken up in like manner, viz: our mineral resources and the development of manufactures. Such a publication designed for another class of inquirers might properly be prepared and published separately and cover a range of statistics and

presentations of different nature. The dissemination of literature of this character would undoubtedly result beneficially to the State. It is liberally done by neighbors, who to say the least have no better opportunities to offer than has Montana, with the best results to all concerned, and it is high time Montana should pursue the same course.

A valuable auxilliary in directing attention to the resources and opportunities of Montana has been created by the organization of the Northwestern Immigration Association which was the outgrowth of an immigration convention in St. Paul, Minn., in November, 1895, and the provision thereunder for the organization of State Boards. Montana was ably represented in this convention and an Immigration Board appointed thereunder, but at this writing no authoritative statement of the membership has reached this Bureau. The members of North Dakota have already held a State Immigration Convention to organize by State and Counties to advertise their resources, South Dakota, Washington and Idaho will hold conventions for a similar purpose in January and February. Doubtless a like convention will be called for Montana.

#### AGRICULTURAL STATISTICS.

Attention is again called, as it was in the First and Second Annual Reports, to the matter of collecting and publishing agricultural statistics in the trust that the next Legislative Assembly may take favorable action thereon. From 1874 to 1893 assessors of the several counties collected under the law certain specified statistics relating to agriculture, labor and industry and reported them to the State Auditor. These statistics covered agricultural productions. The assessors were paid 20 cents for each report entering into the abstract required to be forwarded by them. These statistics were collected each year while assessing property. There was paid to assessors in 1890, 1891 and 1892 an average of \$1,742.65 per year for collecting these statistics. By the act establishing this Bureau the duties of the auditor and assessors in collecting and publishing these statistics were transferred to the "Commissioners and his assistants" but no provision or appropriation was made to pay assistants for collecting them. In 1893 the State Board of Equalization recommended assessors to take the statistics as usual that year, and their bills therefor would be recommended to the Legislature for payment. They were so collected, were published by this Bureau and the assessors' bills aggregating \$2,058.80 were paid by act of the Fourth Legislative Assembly. It was found, however, that there was statutory provision prohibiting continuance of this method, and these statistics could not be collected in 1894. Effort was made in the Fourth Legislative Assembly to have assessors re-invested with the duty of collecting them, and in failure of that to have them taken by enumerators while taking the census. Both measures failed and the statistics have not been taken for 1895. While there are obstacles in the way of securing complete and accurate returns through assessors, it appears to be the only practicable method at reasonable cost of obtaining them at all, as otherwise than as an incidental duty of assessors or enumerators, while doing their other work, it would entail very heavy expense. It has been held the collection of the agricultural statistics by assessors has been a failure; partly owing to their negligence and partly to the apprehension of those reporting that these statistics were to be used for purposes of taxation, but the experience of this Bureau with the system in 1893 led to the belief that in succeeding years, with a proper law, approximately complete and accurate reports could be obtained in that way. The plan of collecting them by circulars through the mails has proven utterly impracticable here, as in other States, where the statistics are of such nature that all must be obtained to give them value and a large number of persons are involved. Aside from maintaining the industrial history of Montana, which the territory did for many years, these statistics are of great value in presenting to those contemplating immigration to the State, the actual record and yield per acre of agricultural productions year after year. That is now impossible for the years omitted and the lapses will apparently continue until legislation is corrected. It is earnestly urged that the duty of collecting these statistics be again vested in the assessors.

In the absence of means and methods of obtaining these statistics as above the Bureau has this year, as in 1894, adopted the system of representative statistics covering cer-

tain lines of inquiry and serving to show to some extent the relative acreage, yield, wages wild animal and winter losses, etc., etc. These were obtained by schedules sent and returned through the mails.

### RECLAMATION OF ARID LANDS.

An Act of Congress approved August 18th, 1894, known as the "Carey Act," made a grant of one million acres of arid lands in the State of Montana, conditioned on acceptance of the terms prescribed therein by the State, which included reclamation of these lands by conveying irrigating water on the same, and offering them for sale exclusively to actual settlers in parcels not exceeding 160 acres to each settler. The State by an Act approved March 18th, 1895, accepted the offer of the United States and a State Arid Land Commission was appointed thereunder, the composition of which is given in the Directory. As the early extension of the area of reclaimed and irrigated lands of the State available for actual settlers depends largely upon what is done under these acts or more practicable amendatory measures, much interest is felt in knowing what has been or is likely to be done thereunder and the following from the report of the Commission to Governor Rickards, dated December 31, 1895, is therefore included here as correct and authoritative:

"Pursuant to the call made by your Excellency under date of April 2d, 1895, the Commission met in the executive office April 9th, 1895, and perfected its organization by the election of E. W. Beattie of Helena as chairman, and of J. C. Auld of Glendive, as secretary.

At the outset the Commission was met by the following conditions: The Bill creating the Commission appropriated but \$1,000 for each of the years 1895 and 1896, and enacted that the work to be done as contemplated by the bill was to be paid for in warrants be issued by the Commission and which were to be lien upon the lands to be reclaimed, the legal title to which was still vested in the general government, and which would only pass to the State when reclaimed, settled and partially cultivated. Under these conditions it was deemed of the utmost importance by the Commission to ascertain at what price the contemplated warrants could be disposed of, in order to enable the Commission to let contracts for the necessary labor and material at a minimum cost to the State and to this end interviewed, through its chairman, people of the east who represent large monied interests and who under normal or favorable conditions are purchasers of this class of securities; and it was demonstrated by these interviews that in order to make a warrant which would sell to advantage, or at all, the State must first be vested with the legal title to the land, and that the constitutionality of House Bill 89 must first be passed upon and determined by the Supreme Court of the State of Montana. And this Commission has the honor to report that the Honorable Secretary of the Interior, having recommended the immediate transfer of the legal title of the one million acres of land to each of the arid land states named in the Carey Act, our delegation in Congress will cause to be introduced a bill looking to that end, and with the hope that the same may be passed without serious opposition.

And your Commission also has the honor to report that they have taken such steps, as, it is hoped, will result in the Supreme Court passing upon the constitutionality of the Montana Arid Land Bill, the subject having been argued and taken under advisement by that Court.

The Commission has caused one preliminary survey for a ditch to be made, commencing at a point on the Yellowstone river, about 25 miles west of Glendive, Montana, and extending eastward to point at or near the Fort Buford reservation, which if constructed, would reclaim a magnificent tract of land.

This Commission, fully realizing the advantage to be gained by the State in the successful carrying out of the provisions of House Bill 89, to the end that irrigated land may be furnished to home seekers at a minimum price, have enforced the strictest economy in all departments of its work, and hope that during the coming year it may be able to show substantial progress."

## REPORTS—THE BULLETIN SYSTEM.

In the Report for 1894 it was suggested, and what were deemed sufficient reasons given therefor, that the date making Annual Reports by this Bureau to the Governor should be advanced from December 1st, to a date after the close of the calendar year. A great portion of the statistics required to be presented are obtainable only for the calendar year, and unless sufficient time after its close is given to obtain, prepare and print them they must necessarily be deferred a year, so they can not be placed in possession of officers and the public as promptly as desirable. This has to some extent been obviated in preceding reports by utilizing the time the printers were engaged in getting out the first portion of the Report to make up and add to it such statistics for the calendar year as could be obtained before the publication was completed, but this necessitates a haste in preparation that renders very difficult, even if the primary reports can be obtained in time for this method, those prime requisites in statistical reports—accuracy and good arrangement.

It was also suggested that the system now largely adopted in Labor Bureaus and many institutions of issuing special reports or bulletins on special subjects, to be printed promptly and distributed among those to whom they are of special interest, might be wisely extended to this Bureau. The matter of publishing and distributing the financial and economic statistics of counties as soon after the same are prepared as possible, and the preparation and general distribution to Farmers in localities infested by or threatened with, the invasion of the Russian thistle, with methods of identification and extermination, are cited as showing instances where these bulletins or special reports would be desirable. There only 1,000 copies of the Annual Report printed and the general distribution of it is not therefore possible. A special report of a few pages on a particular subject could be printed in such numbers as would promptly supply those directly interested in it at small expense and the benefits be greatly increased while the demand for the more expensive annual Reports would perhaps be within limits that could be supplied. As it is now there are not sufficient numbers to supply those who year after year contribute reports covering the principal industries of the State, are interested in the general presentation relating to these industries and feel there should be some reciprocity. The bulletins or special reports would permit this result. The last Legislative Assembly took no action on this matter, and reference to it is included here that it may be brought early to the attention of the next Legislative Assembly. The date of issuance of the Annual Report should be later, giving sufficient time to include statistics of the calendar year, and special reports should be discretionary with the Commissioner, on approval of the executive or the State Examining Board. The instances are rare where statistical reports of the nature of the annual report of this Bureau are completed and printed within less than six months after the date on which the reports are closed.

For the years ended June 30th, 1893 and 1894 as thorough and complete reports as possible were made of the material, social and sanitary conditions of wage-earners in Montana as derived from individual reports containing 48 inquiries submitted to and obtained from thousands of wage-earners in the State. These two reports covered the favorable year ended June 30, 1893, and the year of unprecedented depression beginning on that date. It is demonstrated here, as in all other states in which Labor Bureaus have undertaken the work, that this class of statistics can only be satisfactorily and fairly obtained by special agents. A limited number of individual reports, generally but partially filled out, may be obtained by mail relating to employes in some avocations; but in others practically no responses can be obtained. In a state of the vast extent of this, with wage employing communities widely separated, the expense of obtaining individual reports of wage earners through special agents is very considerable, and if undertaken on anything like the scale adopted in some of the lesser and more densely populated states would exceed the entire \$1,500 appropriated for all the varied duties and expenditures of this Bureau. Therefore, as stated in the report for 1894, that distinct line of special inquiry having been quite thoroughly covered in two strongly contrasting years is omitted for 1895 and various other inquiries undertaken or amplified in its stead. The inquiries as to wages, hours of labor, Sunday work, sanitary conditions, character

of pay and wages withheld on pay day were retained in the schedules of General Employers and Manufacturers, and are presented in this report in connection with the industrial and productive statistics relating to the several occupations. In a number of avocations comparative rates of wages are given for consecutive years and material features of this nature presented relating to a large proportion of the wage-earners of the State for the year ended June 30, 1895.

In conclusion it again becomes the pleasant duty of the Commissioner to acknowledge the faithful and intelligent services of Mr. A. C. Schneider, Chief Clerk, who has been the only employe of the Bureau in a clerical capacity during the year, and to sincerely thank the many who have as heretofore promptly and courteously responded to the innumerable requests of this Bureau for statistical information.

## ARBITRATION AND MEDIATION.

Since 1887 there has been a law on the statute books of Montana providing for arbitration and conciliation in case of disagreement between employers and employes where there were 20 or more of the latter involved, and for the continuing appointment of State Boards to carry into effect the provisions of the law. As stated in the second annual report of this Bureau the law was abreast of the times when enacted, but here as elsewhere it proved practically ineffective because the Board was hedged about by formalities and restrictions that defeated its objects. So far as known the Montana Board from 1887 to 1895 was never called on. But once, and then the parties declined to arbitrate. The law was to all intents and purposes a dead letter, because it could only intervene when called upon by the employer or a majority of the employes, and then only after tedious delays and circumlocution. There was no provision for the immediate and voluntary exercise of its powers as mediator when a strike or lockout was impending and the employer and employes had failed to agree or select other arbitrators. The Board must wait until invited to act. This was the weak point of the old law. The golden opportunity for mediation is before a strike or lockout, with its attendant evils, has occurred. In view of this defect other states, following the example of Massachusetts, amended the old law, similar to that of Montana, so as to make it the duty of such State Boards on receiving reliable information through designated channels that a strike or lockout is impending to act of their own volition before it occurs and endeavor to prevent it by conciliatory means, or to urge the submission of the matters at issue to a local Board of Arbitration or the State Board. Further than this, as a moral influence on public opinion, which after all is the supreme tribunal, the State Board is authorized to investigate the cause or causes of the controversy, and ascertain which party thereto is mainly responsible or blameworthy for the existence or continuance of the same, and to make and publish a report finding such cause or causes, and assigning such responsibility or blame.

The practical working of this law has been highly satisfactory. It has been approved by the public and public officials, by employers and employes, by eminent representatives of Labor Organizations, and by State and United States Labor Commissioners. It has not invariably been effective in preventing or composing differences and suspension of industry, but it is not probable any method ever will be devised that will accomplish that result. There are limitations to the efficiency of all such measures. But it is the best and most effective development of the principle that has yet been attained and under it State Boards of Arbitration and Mediation have done great good.

The Commissioner of this Bureau therefore submitted to the Fourth Legislative Assembly amendments to the law of Montana vesting the Board of this State with like authority and power in this respect as that vested in the Massachusetts Board. The Senate committee on Capitol and Labor and the House committee on Labor cordially supported the amendments and they were made a part of the law which now appears in Sections 3330 to 3338 of the Political Code. Whenever it is now made to appear to the Mayor of a city, or two Commissioners of any county that a strike or lockout, involving twenty or more employes in the same general line of business, is seriously threatened or actually occurs, it is their duty to at once notify the State Board of Arbitration and

Mediation of the fact; and whenever such facts shall come to the knowledge of the State Boards, either by notice from these officers or otherwise, it is the duty of said Board to put itself in communication with such employer and employes as soon as may be and effect an amicable settlement between them by the methods prescribed in the statute. The law does not prevent but contemplates and provides for the adjustment of controversies and differences by local Boards of Arbitration without invoking the intervention of the State Board.

While differences of this nature are happily rare in Montana they do sometimes occur, and now that the machinery is perfected for adjusting them by the most approved form of mediation and arbitration it is hoped both employers and employes will avail themselves of its benefits before differences reach a condition where industries are stopped, workmen thrown out of employment or the public welfare disturbed.

## FREE PUBLIC EMPLOYMENT OFFICE.

At the Fourth Session of the Legislative Assembly the House Committee on Labor took up the bill prepared by Hon. Michael Corbett, one of its members, providing for a Free Public Employment Office at the capital of the State, to be conducted in connection with this Bureau, and also making optional provision for auxilliary offices in other cities of the State, and succeeded finally in getting a bill through, not wholly as they desired it, but in somewhat better form than at one time seemed possible. It was deemed better to so accept it and trust to future remedial legislation than to have the measure altogether fail. The general features of the bill introduced were not laid on the lines of the Ohio system which had been in operation some years but on those of the measure presented to the Iowa Legislature by Labor Commissioner Sovereign. The provisions relating to it appear in section 765 of the Political Code as an amendment to the act creating this Bureau, and were at first added to its duties without making any provision whatever for the additional expense of maintaining it. An amendment was finally secured through the efforts of the Labor Committee permitting and providing for the employment of a clerk to attend to the duties in a location necessarily separate from the statistical department of the Bureau, but no additional provision was made at any time for rent, fuel, light, postage, printing, telephone, messenger service or that very necessary item in efficiently conducting a public employment office—advertising. Especially is this latter essential in establishing a new system to bring it and keep it before employers as well as those seeking employment until they have become thoroughly familiarized with the idea. The alternative, to keep the matter vividly before the public, is to rely on the gratuitous services of the newspaper press, and when it is considered that the pay agencies, and many persons seeking employment or help, do largely advertise in the newspapers and pay for the same, and that such business would decrease in proportion as the Free Employment business increased, it would be asking more than is reasonable from the press that it should gratuitously and continuously advocate the Free Office even in general terms. The State should do business in a business way as individuals have to do. This same difficulty presented itself in Ohio, although the offices in other respects were well equipped and maintained, and the recommendations of the Commissioner had early and favorable attention by the Legislature.

The conduct of the Montana office was therefore undertaken under very inauspicious conditions for developing the best possibilities, but no more liberal measure could be obtained, the diminished revenues of the State last year consequent upon the financial and industrial depression, and the many demands upon the treasury, resulting in numerous meritorious measures failing altogether. It was believed by those who had given the subject thought that the Free Public Employment system, although having as yet scarcely passed the experimental stage in the one or two states that had tried it, had much merit, and that it might be advantageously adopted in Montana. It was therefore deemed better to accept the measure, insufficient as it was for the most favorable results, and trust to future remedial legislation than to have the measure altogether fail, especially as the provision relating to auxilliary offices in other cities was sufficiently flexible to permit the municipal authorities to establish and maintain them under more favorable conditions.



The office was established April 1st, 1895. A favorable location was secured and Mr. H. T. Bevan was appointed clerk in charge. Employers in, and in the vicinity of, Helena were notified by circular letters and correspondence entered into later with roadmasters and others employing labor and diligent effort made to carry out the purpose of the act. Considering all the circumstances the experiment has been fairly successful. It is believed that in times of normal demand for labor and with the law amended as practical experience has made manifest is necessary, it could be made unquestionably so. Some of the obstacles to be overcome and methods of meeting them will be taken up in the next report. The year has not been a favorable one in this vicinity for securing employment for labor, there being few new enterprises affording employment for unskilled labor where it was deemed the office would be warranted in directing it. The moral obligation rests on it to avoid where possible sending persons to positions where they would not be satisfactorily recompensed as it does to avoid applications from vicious sources. Following are given tables showing the applications made and filled and the classes of occupation sought. Blanks are sent out with those directed to situations; similar blanks are furnished those seeking help; but numerous instances have come to the notice of the clerk in charge where neither employer nor employee made returns to the office and it is his belief a much larger number of applications have been filled than those given below which are only of the returns actually made to the office. While as a matter of fact the securing of the situation to the applicant is the important consideration it would benefit the office and enable a fairer showing of the results were all applicants considerate enough to make returns.

APPLICANTS FOR "EMPLOYMENT" and "HELP" AND POSITIONS SECURED, APRIL 1 TO  
DEC. 31, 1895.

MONTHS—1895.	APPLICANTS FOR EMPLOYMENT.		APPLICANTS FOR HELP.		POSITIONS SECURED.*	
	Male.	Female.	Male.	Female.	Male.	Female.
April.....	139	61	19	62	12	20
May.....	70	69	28	67	22	27
June.....	28	62	22	71	14	41
July.....	73	53	30	74	28	42
August.....	62	43	35	90	30	38
September.....	31	42	27	62	20	28
October.....	28	56	30	50	19	26
November.....	17	28	11	41	8	10
December.....	28	33	15	61	14	31
Total by sexes.....	476	447	217	578	167	263
Totals both sexes.....		923		795		430

\* The figures given in this column only include those of whom actual return was made to the office.

APPLICATIONS FOR EMPLOYMENT, BY OCCUPATION DESIRED.

CLASSIFIED APPLICATIONS.	April.....	May.....	June.....	July.....	August.....	September.....	October.....	November.....	December.....
Mechanics and tradesmen.....	17	14	4	.....	.....	4	.....	.....	6
Office work.....	17	5	.....	.....	.....	.....	.....	1	.....
Ranchmen.....	38	4	5	7	9	2	4	.....	2
Any kind of Labor.....	31	29	.....	30	25	22	9	17	13
Any light work.....	11	.....	.....	17	12	.....	.....	.....	.....
Chopping.....	2	.....	.....	3	.....	1	.....	.....	.....
Dining Room work.....	4	5	4	5	6	2	5	.....	.....
General house work.....	20	43	43	28	24	33	39	19	22
Cooks—Male and Female.....	27	6	9	12	12	2	2	1	6
Second Cooks and helpers.....	7	8	4	.....	.....	1	2	.....	2
Chamber or second work.....	15	9	7	6	3	4	2	6	2
Nurse Girls.....	9	5	4	.....	.....	2	5	.....	.....
All other occupations.....	2	11	10	18	14	.....	10	1	8
Totals.....	200	139	90	136	105	73	84	45	61

Immediately after publication of the Codes containing the provisions relating to the Free Employment Offices letters were sent to the Hon. Mayors and Boards of Aldermen in Butte, Anaconda and Great Falls, respectfully calling their attention thereto. This Bureau has not been notified that any action has been taken.

While there are limitations on the work of these offices, for instance in the fact that miners, railroad men, mechanics and those of a number of other vocations when out of employment make application direct to the regular employing officers of companies or enterprises, there are yet large numbers of working people of both sexes who have to rely on the employment offices to obtain situations, and there are frequently those who would prefer to employ them through an official agency that makes no charge to the employe for its services. Being under oath and bond, having no advantages to gain by sending applicants on illusive quests, applicants have more confidence in the officially conducted offices than in the ordinary pay offices, and they are saved the fees necessarily charged by the latter. These fees frequently have to be paid when unemployed persons are illy able to spare the money, if they have it at all. It further appears to be established that the Free Public Offices decrease unemployment, as employers frequently seek help through these offices when they would not go to the expense of applying for it through the pay offices. The conclusion is therefore, that, under a perfected law, and judiciously maintained, Free Public Employment Offices in larger cities of Montana would do a good work and more than compensate the expense they would be to the State and to cities.

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## THE RUSSIAN THISTLE

That which is known in South Dakota as the "Russian Thistle" and in North Dakota as the "Russian Cactus," but which is not properly either a thistle or cactus, but a very noxious, fast spreading and injurious weed notwithstanding, was accidentally introduced in flaxseed brought from Russia to South Dakota in 1873. It is described as a vicious inland variety of the saltwort, a nearly harmless plant abounding on the Atlantic coast and resembles in appearance the common "tumbleweed." Its technical name is *Salsola kali tragus*. It has existed on the great plains of southeastern Russia, where the conditions are very similar to those of the plains regions of the United States, for 150 years and has been so destructive to barley, wheat, flax and like cereals in that portion of Russia that cultivation has been abandoned over large areas bordering the Caspian sea. No effective method of extermination has ever been discovered there, or if discovered has not been utilized. Sheep pasturing on the young plants has somewhat kept it in check but it is continually spreading. Its diffusion in South Dakota was apparently slow for six or eight years. In 1880 a specimen was sent from Yankton, South Dakota, to the U. S. Department of Agriculture, but it was held to be the common saltwort. In 1891 the attention of the Department was again called to it from several points in South Dakota and urgent request made for information which might be applied to checking the spread of the weed. In 1893 it covered an area of 35,000 square miles. Since then its spread continued with marvellous and alarming rapidity. It was reported from 90 new localities in 1894 and from 69 new localities up to November 20, 1895. At the latter date it was positively reported to exist in twenty states and three Canadian provinces with the probability that it had extended to others.

It is known to exist in places from eastern Ontario and New Jersey to the western borders of Idaho and California, and from Manitoba to New Mexico. It is most abundant in South Dakota and adjoining states, but it has formidably invaded nearly all the great interior wheat region of the continent.

The attention of this Bureau was first called to its existence in Montana in the summer of 1895, and an effort was at once made to ascertain in what localities it had appeared, how it was introduced and what measures had been taken to extirpate it, with a view of calling public attention to the evil if it was a menace to the welfare of the State, and endeavoring to secure efficient action in preventing its further spread and securing its extirpation where it has already gained foothold. The following circular was

therefore prepared, with space after each inquiry for reply, and sent to County Commissioners, Assessors and Sheriffs of the several Counties, and to prominent agriculturists and to newspapers of the State having circulation principally in the farming communities.

Please fill and return to Bureau of Agriculture, Labor and Industry, Helena, Montana

- (1.) Has what is known as "The Russian Thistle," to your knowledge, made its appearance in your County? . . . . .
- (2.) If so, when did it make its first appearance? . . . . .
- (3.) Where? . . . . .
- (4.) How is it believed to have originated there? . . . . .
- (5.) Area in your County over which it extended in 1894? . . . . .
- (6.) Area in your County over which it extends in 1895? . . . . .
- (7.) Has any effort been made to extirpate it? If so, what measures have been taken and what has been the result so far as you have knowledge or can ascertain? . . . . .

Signed . . . . .

Dated . . . . . 1895.

P. O. Address . . . . . County of . . . . . Montana.

Note.—If you have no knowledge of the existence of Russian Thistle in your County, and do not ascertain that there is any, please so write on this blank and return it.

Prompt and general response was made to this inquiry with the results as given below:

#### DISTRIBUTION BY COUNTIES.

Beaverhead County.—There are conflicting reports from this county consequent it seems on lack of positive identification of the plant. Two persons report Russian Thistle—one a small patch about two miles south of Dillon, and another near Lima. In this latter there were about ten plants in 1894 and not to exceed 100 plants in 1895. Other persons think the thistles reported near Dillon are not the "Russian." Mr. W. T. Mauldin says "Wild oats, plintain, sun flower, dandelion and wild lettuce are the worst pests."

Carbon County.—Three persons reporting from Carbon County, including Assessor H. C. Province, say they have not been able to learn of any Russian Thistle in that county.

Cascade County.—Russian Thistle, definitely identified by submission of a sample by Prof. O. C. Morton to the Department of Agriculture at Washington, is reported from Great Falls and at other points along the Great Northern Railway in Cascade County. At Great Falls it obtained foothold at the freight depot and extended in a north-east direction, in a narrow strip along the track for about half a mile and also at some points into the alleys and back streets along the side walks. It is believed to have originated from seed falling from freight or emigrant cars, and plants were most numerous where emigrant goods were transferred to the Great Falls and Canada R. R. There were only a few plants in 1894; the area covered in 1895 did not exceed 80 acres. The Tribune discovered the character of the weed and published description. On its being identified the County Commissioners promptly adopted vigorous measures to exterminate it in the city and along the railroad tracks in the County. The G. N. Ry officials also issued strict orders to section men and other employes to destroy it wherever found along the road and a considerable quantity of it was found and destroyed. The plants were pulled up and burned even before seeding time. Close examination was made by Prof. Morton at Armington, Belt, Beulah, Allen Junction and Sand Coulee but no plants found. It is now believed to be practically extirpated but its reappearance will be closely watched for.

Choteau County.—Reports from persons in different parts of the County, including Sheriff McLaughlin and County Commissioner Barton state the Russian Thistle has not to their knowledge appeared in the County.

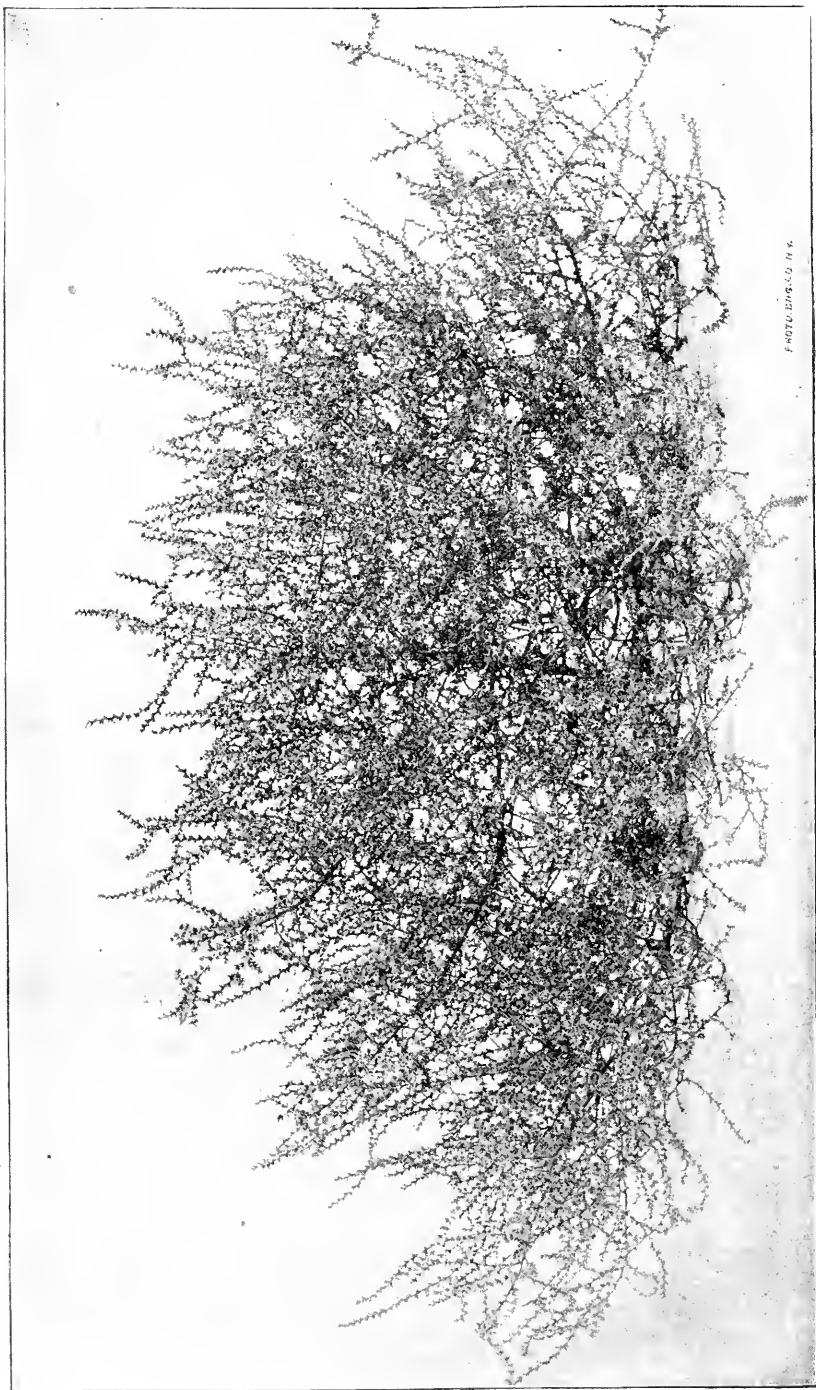


FOTO LING CO. N.Y.

PLATE I.—RUSSIAN THISTLE—ORDINARY FORM

Plate I Shows the Common, Open Form of the Russian Thistle, 1½ Feet High and 3 Feet Across

**Custer County.**—There are five reports from Custer County. Two persons reporting have not had information of its existence. C. E. Pierce, J. P., Rosebud, "after considerable inquiry has not been able to hear of any Russian Thistle in that section," but farmers on Rosebud Creek have informed County Commissioner Hammond that several patches of it do exist there and no measures have been taken to exterminate it. Rosebud Creek is 80 to 100 miles long. Sheriff Hawkins reports its existence on Tongue River 50 miles from Miles City where was a patch of 15 to 20 acres in 1895, and also in the Yellowstone Valley below Miles City. It is believed to have been introduced by shipping seed grain and baled hay from Dakota. At the latter place the Irrigating Ditch Co., and the road supervisors are making every effort to exterminate it, but it is not learned anything has been done on Tongue River.

**Dawson County.**—County Commissioner Andrew Smith of Wibaux, formerly Minusville, reports a patch of about five acres near Wibaux six miles from the Dakota line in 1894, and on the same ground with some along the railroad track in 1895. The seed is believed to have been brought in in seed oats. "An attempt was made to burn it but it was a failure." (Probably was not pulled and dried.) Assessor J. M. Rhoades is not aware of its existence elsewhere in Dawson County.

**Deer Lodge County.**—Reports from County Officers and others in five different localities of the County, after general inquiry, state that its existence has not been learned of in the County. Hon. John W. Blair of Helmsville writes: "I have made inquiries of persons residing in different parts of the County and cannot learn that the pest has got foothold as yet, and am certain it has not in Nevada Valley as I am familiar with the plant, having seen it growing in the Dakotas. In my opinion it will not be very troublesome in Deer Lodge County as it is a tender plant, starting late in the spring and easily killed by frost. Beside it is readily devoured, when young, by all kinds of stock."

**Fergus County.**—Officers and others in four different places in the County report they have not been able to learn of any Russian Thistle in Fergus County.

**Flathead County.**—Assessor J. B. Gibson reports small patches of Russian Thistle one mile west of Kalispell, and two and four miles west of Columbia Falls. That near Kalispell originated from garden seeds, and those near Columbia Falls from clover seed and oats shipped from South Dakota. Its first appearance was in 1892 in one locality and in 1893 in the others. It has spread very little. "We have practically no winds and I have never seen a bush get outside of the field where it originally grew. Very little effort was made to destroy it until the summer of 1895. It has gained very little headway and I do not anticipate much difficulty in destroying it." Persons reporting from other parts of the County have no knowledge of its existence.

**Gallatin County.**—Two reports from Gallatin County state a few plants of Russian Thistle were found at or near Manhattan and at or near Central Park along the N. P. R. R. track but the information is indefinite. Luther Foster, Esq., Agriculturist of the Agricultural College, has been unable to learn definitely of its existence in the County, but farmers generally stated they were not able to identify it.

**Granite, Jefferson, Lewis and Clarke, Madison, Meagher, Missoula, Park, Silver Bow and Valley Counties.**—Reports from a large number of officers and other persons well informed in the above counties state if the Russian Thistle exists in any of them the fact could not be ascertained. It is stated in some reports that the farmers are not familiar with the form and appearance of the weed and probably would not recognize it if existing.

**Ravalli County.**—County Commissioners Ferd. Wehr and J. F. Hendricks, and Assessor Robert Nelson report Russian Thistle in this County. Mr. Wehr says "it extends up and down the valley on the east side of the river a distance of 10 or 12 miles." Mr. Hendricks says "there is a thistle, called by people who should know the Russian Thistle, along the county roads and in fields close to them between Grantsdale and Corvallis." It extended some three miles along the roads in 1894 and eight to ten miles and in the fields in 1895. It is believed to have originated by the shipping in of fruit trees. Assessor Nelson reports substantially as does Mr. Wehr. There has been no effort to extirpate it except by road overseers who cut and burn the plants along the county roads.

**Sweet Grass County.**—Diligent inquiry by several persons reporting did not result in any Russian Thistle being discovered, except a few plants in one sheep corral near

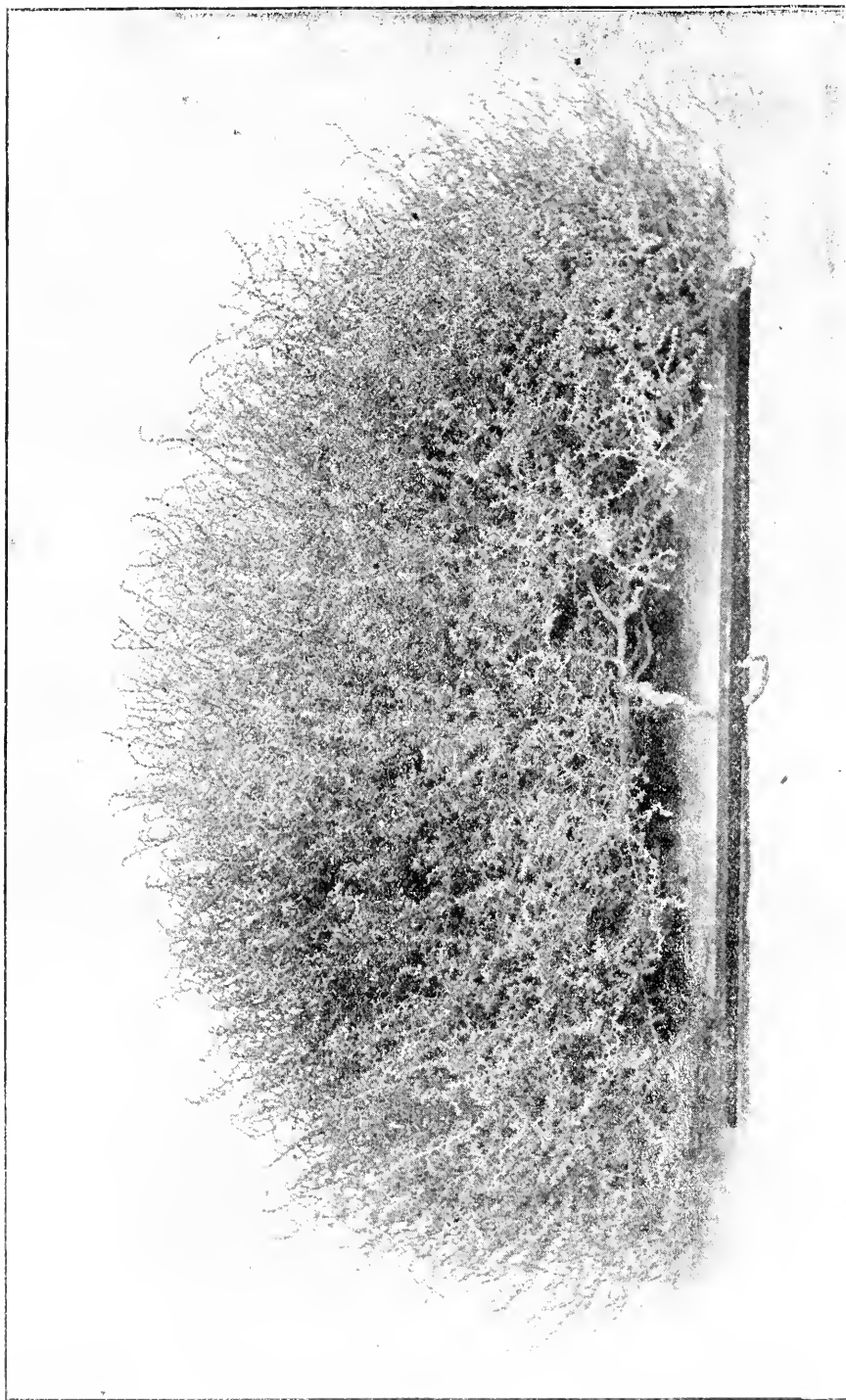


PLATE II.—RUSSIAN THISTLE—COMPACT FORM

Plate II Shows the Dense Kind of Russian Thistle, Two Feet High and Five Feet Across

Melville which was pronounced by people from Nebraska to be Russian Thistle. Its origin cannot be accounted for and close watch will be kept for it next summer.

**Teton County.**—The only place Russian Thistle is reported in this County is along the G. N. Ry in the northern part of the County where it has appeared along the right of way near the Marias river. It first made its appearance soon after the extension was built and is believed to have been brought in feed by graders. It is not known that any measures have been taken to extirpate it.

**Yellowstone County.**—Reports from County Commissioners Edward Cardwell and C. A. Gruwell, Geo. A. Berkey, Sheriff, and editors E. L. Boardman of the Gazette and H. L. Knight of the Recorder all state the Russian Thistle exists in this County, but only to a limited extent and in a few localities. It was only known in two isolated spots in 1894, and in the others it was identified in 1895. One report states it exists at Laurel, on the N. P. R. R. All state it exists twenty miles south-east of Billings on the Crow Reservation along the right of way of the B. & M. R. R. and at the depot of that road at Billings. It is believed to have been brought in in the feed for graders' teams from states further east. Officials of the N. P. and B. & M. R. R.'s state orders have been given section men to destroy the plant wherever found. As yet but a small number of plants have been found at Billings or further west.

Plate III.—Figure a, branch of mature plant, natural size; b, seedling about two weeks after germination, natural size; c, flower detached and remaining suspended by minute hairs, enlarged three times; d, flower viewed from above, enlarged three times; e, seed with flower removed, enlarged five times; f, young plant in seed, removed enlarged seven times.

It will be seen from the above that Russian Thistle is reported to exist, although as yet in only limited quantity, in nine Counties of Montana. The principal trouble met with by those called on for reports was that few farmers were able to identify the Russian Thistle, very many presuming that of course it was of the thistle family and bore the family form and resemblance, whereas the appearance is dissimilar. Probably this has led in some instances to other thistles being mistaken for the Russian, and in others to its non-identification where existing. The cumulative testimony is, however, indisputable that the Russian Thistle has invaded Montana and its vicious qualities, its rapid diffusion if neglected, and the fact that it can be kept under control and finally extirpated if prompt and earnest effort is made, renders the present the opportune time to awaken public attention to the pest and endeavor to prevent its further spread.

As a preliminary measure this Bureau procured through the courtesy of Hon. A. H. Laughlin, Commissioner of Agriculture and Labor for North Dakota, the plates and description of the Russian Thistle used in his emergency poster of 1895, has secured illustrated publication of articles circulating largely among agriculturists, and through the courtesy of Senator Mantle has obtained and mailed leading farmers and stock growers in all portions of the State several thousand pamphlets on this and kindred subjects issued by the U. S. Department of Agriculture. These illustrations and descriptions are given herewith and it is contemplated to further use them as the season advances in posters to be sent to all Post Offices and Railroad stations in the State. Being made acquainted with its appearance, the avenues of introduction and the method of destroying it, the communities infested may, through concerted action, or perhaps the aid of county officers or legislative requirement, succeed in protecting this State from a pest that has worked millions of dollars damage to our neighbors and has apparently passed beyond their control.

#### DESCRIPTION OF MATURE PLANT.

The Russian Thistle grows from seed every year; is from 1 to 3 feet high, branching profusely from the base. It forms a spreading top, varying in density as shown in Plates I and II, and from a few inches to 6 feet across. The color of the whole is light green in summer, but becoming matured late in the season; the branches and upper leaves are striped with red lines running lengthwise. The root is distinctly a tap root, dull white with few branches and easily pulled from the ground. The leaves on the young plant

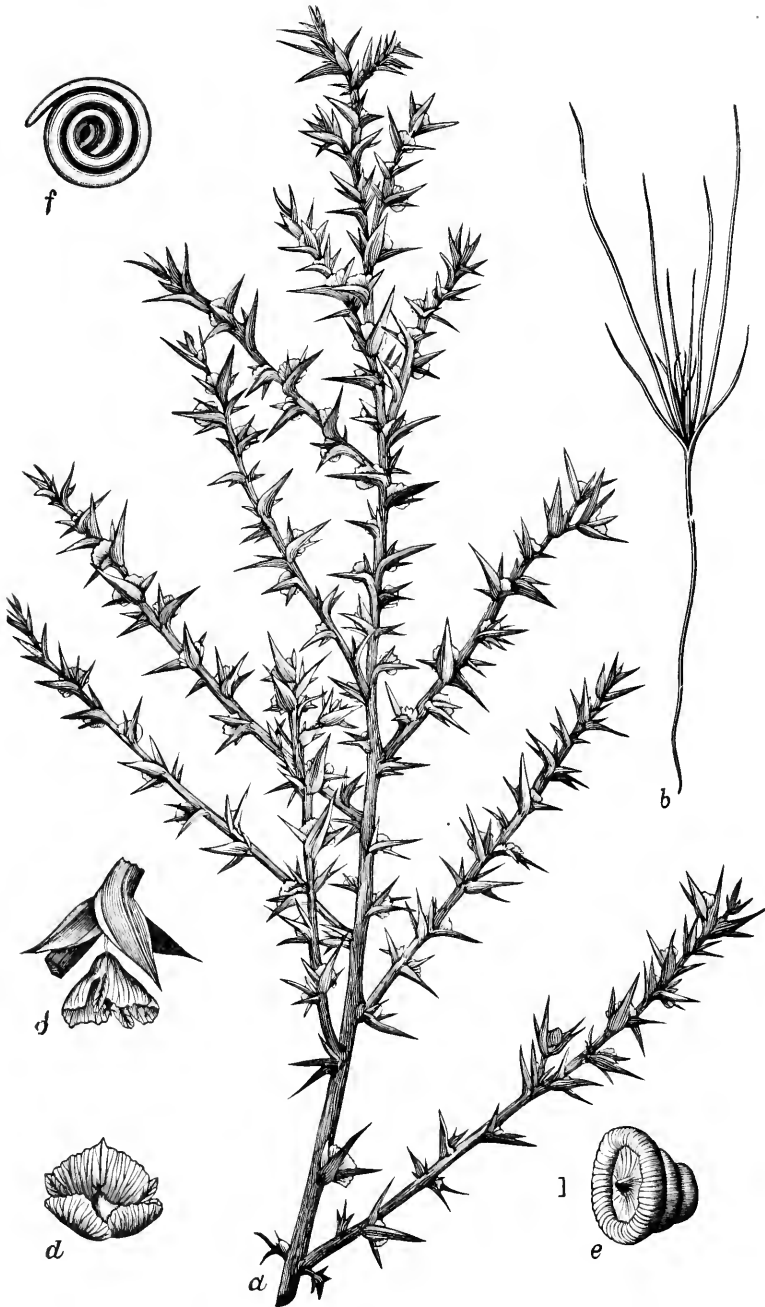


PLATE III.—RUSSIAN THISTLE—DETAILED FIGURES

Plate III.—Figure *a*, branch of mature plant, natural size; *b*, seedling about two weeks after germination, natural size; *c*, flower detached and remaining suspended by minute hairs, enlarged three times; *d*, flower viewed from above, enlarged three times; *e*, seed with flower removed, enlarged five times; *f*, young plant in seed, removed, enlarged seven times.



are single, and very narrow,  $\frac{7}{8}$  to  $1\frac{1}{2}$  inches or more long, soft and downy, but with a spine at the point, dropping off more or less. (See Fig. b, Plate III.) The leaves of the mature plant are in threes,  $\frac{1}{4}$  to  $\frac{1}{2}$  an inch long on upper branches, with broad base making hard, stiff spines. The flowers open from August to October, and are single and without stalk, one above each cluster of spines,  $\frac{1}{4}$  to  $\frac{3}{8}$  of an inch across, thin and papery, bright rose color or dull white. (See Fig. a, c and d, Plate III.) The seeds come singly at the base of each flower about 1-12 of an inch long; much broader above than below, of coiled appearance. (See Fig. e, Plate III.) Young plant in seed, green and coiled. (See Fig. f, Plate III.) Seeds mature from about September 5th to October. A plant like the one in Plate II will contain 10,000 to 20,000 seeds. With winter the plants break off at the surface of the ground and roll before the wind, scattering the seed. The Russian Thistle can be readily known from the Plates, and by remembering that it has no broad thin leaves like common plants. In general appearance it somewhat resembles the common tumble weed, but it is darker colored, and when maturing can easily be distinguished from the tumble weed by the sharp stickers or spines.

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#### HOW INTRODUCED AND DISTRIBUTED.

The Russian Thistle has so far appeared in Montana principally along the lines of railroad and at or near stations. It is brought to some extent in seed procured from infected regions and in emigrant cars; in other instances it was brought by graders in feed for their animals and in one instance each it is reported to have been brought in garden seeds and the roots of fruit trees. The old bedding and litter of infested stock cars removed at shipping points before the cars are reloaded is deemed another method of transmission. It is a safe plan not to buy seed or hay in infected regions for importation to Montana. The Russian Thistle grows with one small tap root. The plant matures in September and October. The root is easily snapped off by the winds and the bush sent rolling like a vertiable tumble weed often traveling, when no obstacles interpose, many miles before the wind distributing its seed over the entire distance. Frequently the seeds are carried by flowing streams or irrigating ditches into new localities and lodged where they germinate and grow in disastrous luxuriance. A surface of crusted snow and a strong propelling wind are favorable conditions to distribute the seeds of plants until a fence or like obstacle stops them.

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#### NATURE AND MEANS OF DESTRUCTION.

This Russian Thistle exhausts the soil and unless plowed under renders no return. It chokes wheat, flax, barley and rye frequently rendering fields not worth harvesting, and being left to mature obtains large size and finally gains possession to infect other localities. Late and continuous cultivation of potatoes, corn and like products keeps down the plant, and rank growing grasses and heavy crops of oats sometimes chokes them out, but where the crop is light or uncultivated the thistle generally ruins the crop. The mature plant is rigid and full of sharp spines that interfere seriously with both men and horses in harvesting and threshing, causing irritating sores to both, and rendering the crop unfit for seed. It seems to grow in all kinds of soil and in dry as well as wet seasons. While young it has some value as a forage crop, sheep especially feeding on the young plants, and grazing is one of the methods of keeping the plant in check, although it has proven futile when the plant is well established. The Russian Thistle is an annual. The young plants are somewhat susceptible to frost and when first starting are easily destroyed by pulling up, plowing under or cutting them off. The seeds will not probably mature here before late in August or September and any time prior to that the weed if pulled will die and do no injury. After the seeds mature the only safe method of destruction is to pull the plants, let them dry sufficiently and burn them. It is stated

the seeds lose their germinative quality in two or three years and if care is exercised in destroying the plants their spread may be readily checked and the pest extirpated.

North and South Dakota have each passed laws for the destruction of noxious weeds, having especial reference to the Russian Thistle, but the results have not yet been entirely satisfactory. The "abandoned farms" in some states where there is no one whose especial interest it is to destroy these weeds, have been the nurseries that have done most to propagate the weed and render ineffective the efforts of those who sought to destroy them on their own lands. Areas cleared are again infested by weeds blown in from infected localities. This difficulty will not be met with in Montana as we have no abandoned farms. Concerted and earnest action in newly infected localities will doubtless be undertaken and prove effective.

Care exercised by farmers in selecting seed and in destroying plants, if supplemented by instructions to station employes and section men on railroads, and to road supervisors as to public highways, would doubtless result well, and this Bureau will use its best efforts in 1896 to disseminate information so the pest will be readily distinguished in all infested or exposed localities. Its effects are so injurious and its spread so rapid after once established that too much care cannot be exercised in keeping it out or exterminating it where it has gained foothold.

# CERTAIN WEEDS DECLARED A COMMON NUISANCE

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## LAW PROVIDING FOR THEIR DESTRUCTION.

Secs. 1197-1200 Penal Code of Montana, approved March 18, 1895.

Sec. 1197. Be it enacted that the weeds known as the Canada thistle, the Scotch bull thistle and the Russian thistle are hereby declared to be a common nuisance for all the purposes of this Act.

Sec. 1198. Any person or persons owning any lands within this state, or occupying or having control of any lands, whether within the plat of towns, villages or cities, or otherwise within this state, knowingly permitting or suffering any Canada, Scotch bull or Russian thistle or thistles to go to seed on any land or lands thus owned, occupied or under control of such person or persons shall be deemed guilty of supporting and maintaining a common nuisance, and upon conviction thereof in any court of competent jurisdiction, of the offence shall be punished by a fine not exceeding fifty nor less than five dollars.

Sec. 1199. In case any person or persons, railroad or other corporation, owning or occupying any lands within this state, under his or her or their control, as the case may be, shall refuse or neglect to destroy any Canada, Scotch bull or Russian thistle or thistles growing or standing upon any land or lands so owned, occupied or controlled, on or before the fifteenth day of August, it shall be the duty of the county commissioners, road supervisors or other person or persons having control of the public highways, streets or alleys where any such thistle or thistles may be found growing or standing, to immediately destroy or cause the same to be destroyed, and pay therefor at the same rate that is paid for road labor: and every supervisor or other person hereinbefore authorized to destroy said thistles shall keep a correct account of all moneys paid out for that purpose, and charge the same to the person or persons or corporation owning, occupying or controlling the land or lands upon which such thistle or thistles were destroyed, and the person or persons or corporation owning, occupying or having control of such lands shall be liable in a civil action for the amount so charged against them and the costs of suit: Provided, that if any supervisor or other person having, under the authority of this Act, destroyed any of the said thistles, and is unable to find the owner of the land, or is unable to collect such money, the same shall be paid by the authorities of the town, village, city or county where such thistles were destroyed: and provided further, that in case any railroad company becomes chargeable under the provisions of this Section, the supervisors of the township where the same has become chargeable may certify to the same to the county attorney of their county, whose duty it shall be to bring and prosecute a civil action against the railroad company for the amount so charged, and costs of suit aforesaid.

Sec. 1200. It is hereby made the duty of every person having knowledge of any Canada, Scotch bull and Russian thistle or thistles growing or standing upon the lands of another to immediately destroy the same, or give the person owning or occupying such lands immediate notice thereof.



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## PART II.

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### ECONOMIC STATISTICS OF COUNTIES, ETC.

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In the following pages will be found a series of statistical Tables by counties, including many features that have not heretofore been prepared and presented in Montana. The value of these to officers of the County and State, to legislators and to the people generally will, it is believed, be apparent to all, and that their value will increase if they are continued to be prepared and published in this, or some approximately similar form for succeeding years. Up to the year 1895 when the State Examiner act was passed and provision made for uniform system throughout the State there was great diversity of keeping County books. In devising the reports from which these Tables are prepared the plan had necessarily to be adjusted to the methods in which County accounts and records were kept, and that form of report adopted which could be made up in all. Therefore the original plan had in many respects to be materially modified and less complete and detailed showing made than was possible in some Counties in order that all might be presented. This difficulty it is presumed will be to considerable extent obviated under the uniform system now adopted throughout the State, and the labor of County officials in preparing these reports be greatly lessened.

The tables following show for the several Counties in 1894 the sources of revenue from licenses and the amounts paid out by the Treasurers for certain classified expenses, the Civil and Criminal cases and the Administrations and Guardianships begun, pending or disposed of, and the Executions and Foreclosures issued; also Real Estate Transfers, Mortgages and Satisfactions, Chattel Mortgages and Mechanics Liens.

The Tables also show the number of Divorces granted and Marriage Licenses issued; the number of Final Naturalization papers issued and the nativity of persons obtaining them; the number of Jail Incarcerations and the nature of offences charged; commitments to the State Prison and nature of offences; and the commitments to the State Insane Asylum with the forms of disease of persons committed thereto. The indebtedness of the several Counties for the year ended February 28, 1895, and the Increase and Decrease for year is also given.

In so far as it has been practicable the percentages of these statistics have been computed by this Bureau. These statistics comparatively and as a whole, will prove an interesting and valuable study and will no doubt have a salutary influence on public economies. In fact in some instances, through the advance publication in local newspapers, it has already been made manifest.

The thanks of the Commissioner are hereby tendered to all County officers who kindly and with much labor prepared the reports of their respective Counties.

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**TABLE NO. 1—SHOWING SOURCES OF REVENUE FROM LICENSES, BY COUNTIES, DURING THE CALENDAR YEAR 1894, AS REPORTED BY COUNTY TREASURERS.**

COUNTIES.	Attorneys Physicians & Dentists.	Butchers.	Gamb- ling.	Hotels.	Laun- dries.	Liveries & Hacks.	Mer- chants.	Peddlers and Pawn- brokers.	Power and Light Co's.
Beaverhead.....	\$ 36 00		\$1,666 52*		\$ 85 00	\$ 130 00	\$1,275 00	\$ 30 00	
Cascade.....	532 00	\$280 00	1,606 57	\$237 50	65 00	522 50	3,300 00	340 00	\$40 00
Choteau.....	36 00	60 00	820 34	62 50	60 00	15 00	695 00	40 00	
Custer.....			913 55	62 50	70 00	121 00	721 00	70 00	40 00
Dawson.....	28 00			20 00	15 00	80 00	410 00	10 00	
Deer Lodge.....	286 00	237 00	6,426 37	217 50	152 50	240 00	2,534 00	285 00	90 00
Fergus.....		35 00	1,426 55	20 00	15 00	195 00	540 00	105 00	
Flathead.....	96 00	65 00	195 00	80 00	85 00	180 00	660 00		100 00
Gallatin.....	436 00	130 00	1,434 05	55 00	130 00	160 00	1,555 00	20 00	40 00
Granite.....	136 00	105 00	1,093 26	20 00	80 00	125 00	895 00	10 00	40 00
Jefferson.....	16 00	250 00	860 00	150 00	60 00	266 00	1,360 00	130 00	
Lewis and Clarke.....	1,188 00	415 00	8,539 63	492 50	290 00	780 00	6,315 00	680 00	1,573 33
Madison.....	148 00	140 00	1,873 18	112 50	5 00	210 00	875 00	400 00	
Meagher.....	264 00	80 00	480 00	85 00	45 00	405 00	1,030 00	55 00	
Missoula.....	80 00	150 00	1,426 64	70 00	45 00	250 00	1,605 00	295 00	50 00
Park.....	239 00		795 08	85 00	40 00	105 00	1,779 50	25 00	180 00
Ravalli.....	104 00	80 00		50 00	35 00	130 00	625 00	120 00	
Silver Bow.....	634 00	800 00	4,843 00	122 00	448 00	448 00	6,080 00	940 00	160 00
Teton.....	100 00	20 00	533 60	57 50	25 00		175 00	15 00	
Valley.....	84 00	60 00	133 40	45 00		15 00	250 00	25 00	
Yellowstone.....	160 00	55 00	2,827 70	52 50	70 00	135 00	1,140 00	30 00	200 00
Total.....	\$4,603 00	\$2,962 00	\$37,894 44	\$2,147 00	\$1,810 50	\$4,491 50	\$33,719 50	\$3,625 00	\$2,543 33
Per Cent of total amt. of licenses paid by several Businesses.	1.24	0.80	10.25	0.58	0.49	1.21	9.12	0.98	0.69

\* Included in Restaurants.

**TABLE NO. 1—CONTINUED.**

COUNTIES.	Real Es- tate and Insur- ance.	Restau- rants and Lodging Houses.	Saloons.	Theaters.	Wholesale and Retail Liquors.	All Others.	Total.	Per Cent of Total Amt. of Licenses paid by each County.
Beaverhead.....		\$ 60 00	\$ 5,633 00		\$ 562 00		\$ 9,467 52	2.56
Cascade.....	\$148 00	387 50	26,195 00		1,425 00	\$1,337 00	36,366 07	9.83
Choteau.....	16 00	45 00	6,520 00	\$ 10 00	93 75	30 00	8,508 59	2.30
Custer.....		40 00	6,980 00		625 00	290 00	9,932 05	2.69
Dawson.....	32 00	20 00	1,675 00	9 00		50 00	2,349 00	0.63
Deer Lodge.....	32 00	167 50	28,520 00	43 00	1,956 25	1,428 00	42,615 12	11.53
Fergus.....					3,757 50	130 00	6,224 05	1.69
Flathead.....	32 00	27 50	7,815 00	8 00		200 00	9,543 50	2.58
Gallatin.....	80 00	137 50	7,150 00	40 00	312 50	384 00	12,054 05	3.26
Granite.....		52 50	3,150 00	8 00	562 50	183 00	8,460 26	2.28
Jefferson.....		190 00	10,112 00				13,394 00	3.62
Lewis and Clarke.....	238 00	105 00	34,420 00	488 00	3,018 75	463 00	58,996 21	15.95
Madison.....		7 50	4,965 00	26 00	437 50	185 00	9,384 68	2.54
Meagher.....	44 00	10 00	5,095 00		125 00	170 00	7,888 00	2.13
Missoula.....		87 50	16,605 00	26 00	512 50	265 00	21,497 64	5.81
Park.....			3,390 00	32 00	593 75	58 00	13,322 32	3.64
Ravalli.....		22 50	3,955 00		312 50		5,424 00	1.47
Silver Bow.....	480 00	240 00	55,300 00	80 00	3,775 00	786 00	75,136 00	20.32
Teton.....	4 00	12 50	2,075 00		250 00	21 00	3,288 60	0.89
Valley.....		40 00	2,140 00				2,792 40	0.75
Yellowstone.....	76 00	127 50	6,920 00	128 00	890 00	224 00	13,035 70	3.53
Total.....	\$1,172 00	\$1,780 00	\$246,615 00	\$898 00	\$19,209 50	\$6,204 00	\$369,674 77	100.
Per cent of total amt. of Licenses paid by sev- eral Businesses.	0.32	0.48	66.71	0.24	5.20	1.68	100.	

**TABLE NO. 2—SHOWING BY COUNTIES, AMOUNTS PAID ON ACCOUNT OF CLASSIFIED EXPENSES, EXCLUSIVE OF AMOUNT EXPENDED FOR PUBLIC SCHOOLS FOR FISCAL YEAR ENDED FEB. 28, 1895, AS REPORTED BY COUNTY CLERKS.**

COUNTIES.	Salaries and Expenses of County Officers	Jurors and Witnesses in Criminal Cases in District Court.	Board of Prisoners in County Jail.	Building and Repairing Roads and Highways.	Building Bridges.	Public Buildings and Repairs on Same.
Beaverhead.....	\$15,980 00	\$ 2,308 00	\$ 1,304 40	\$ 6,279 62	(a) .....	(a) .....
Cascade.....	(b) 44,285 26	7,591 10	4,929 28	15,964 19	\$ 72 90	\$ 716 00
Choteau.....	23,844 53	7,600 60	1,003 20	7,798 21	1,397 00	497 48
Custer.....	24,054 27	3,939 90	1,234 00	16,007 26	4,675 00	533 47
Dawson.....	14,682 95	1,105 80	1,167 30	2,406 60	140 00	.....
Deer Lodge.....	43,253 26	7,788 40	6,244 05	23,692 46	2,361 52	.....
Fergus.....	21,146 33	3,640 04	673 20	(g) .....	12,042 09	25 96
Flathead.....	22,012 36	5,902 40	1,242 40	8,157 80	18,696 43	1,989 68
Gallatin.....	20,606 85	5,055 00	1,060 80	7,389 89	8,736 20	.....
Granite.....	16,769 54	3,226 40	603 75	4,416 21	575 00	.....
Jefferson.....	23,646 00	4,198 00	411 94	5,291 73	2,338 55	25 96
Lewis and Clarke.....	37,469 83	10,502 10	3,889 20	46,363 24	9,909 87	1,579 18
Madison.....	17,724 37	2,357 50	383 60	5,019 72	4,049 88	530 22
Meagher.....	26,557 92	2,905 10	190 20	16,638 25	.....	568 81
Missoula.....	37,136 24	6,175 70	12,181 71	8,371 87	1,075 09	833 83
Park.....	17,790 00	7,662 80	794 40	26,644 53	(h) .....	.....
Ravalli.....	17,240 26	4,903 50	397 05	3,786 24	3,325 33	.....
Silver Bow.....	70,058 47	27,248 80	9,657 00	25,973 78	2,335 27	7,038 05
Teton.....	19,255 71	3,549 30	474 56	4,676 40	4,965 52	1,557 50
Valley.....	12,109 06	1,277 10	1,523 75	523 80	.....	7,312 34
Yellowstone.....	22,223 47	4,915 40	1,391 40	7,072 48	6,100 00	191 46
Total.....	\$547,906 68	\$123,653 94	\$49,757 19	\$242,474 28	\$83,655 95	\$23,027 99
Per Cent expended for the several items.	28.69	6.47	2.66	.....	18.28	.....

**TABLE NO. 2—CONTINUED.**

COUNTIES.	Maintenance of Poor at Poor Farms.	Aid of Poor other than at Poor Farms.	Medical Attendance and Medicines for County Poor.	Printing, Advertising, Books and Stationery.	Election Expenses in 1894	County Bonds Redeemed.
Beaverhead.....	\$1,104 00	\$ 413 80	\$ 440 00	\$1,292 42	\$ 1,965 04	.....
Cascade.....	(c) 2,006 05	(d) 11,013 80	.....	5,064 13	.....	.....
Choteau.....	.....	4,344 89	2,105 09	1,698 15	2,015 83	.....
Custer.....	2,044 39	744 35	216 63	2,720 24	3,280 90	.....
Dawson.....	.....	655 75	140 00	1,345 76	668 19	\$ 1,500 00
Deer Lodge.....	.....	13,034 77	2,118 65	2,614 77	3,629 37	.....
Fergus.....	3,474 18	3,013 67	1,368 82	2,174 71	2,203 34	25,000 00
Flathead.....	1,130 53	836 45	849 34	1,966 93	2,087 29	.....
Gallatin.....	1,633 96	1,498 39	420 50	3,681 40	2,014 15	.....
Granite.....	.....	4,433 90	124 50	1,060 12	2,500 00	.....
Jefferson.....	928 60	340 00	300 00	1,894 21	2,186 53	.....
Lewis and Clarke.....	5,585 05	13,370 97	1,360 60	5,621 65	3,617 64	.....
Madison.....	.....	5,568 47	959 50	1,112 73	2,201 98	.....
Meagher.....	2,004 83	3,151 47	2,174 76	1,862 02	1,543 88	.....
Missoula.....	3,775 50	454 34	552 00	2,793 95	2,345 86	17,650 00
Park.....	2,756 11	891 70	180 00	2,487 68	3,076 54	.....
Ravalli.....	.....	1,062 29	431 95	2,170 67	1,601 86	.....
Silver Bow.....	8,371 45	29,865 93	3,819 63	8,400 40	13,257 50	.....
Teton.....	698 10	156 45	950 00	2,326 24	1,974 66	.....
Valley.....	875 50	50 00	800 00	1,052 05	1,296 27	.....
Yellowstone.....	.....	2,268 82	467 50	2,583 63	1,747 87	.....
Total.....	\$36,388 25	\$97,170 21	\$20,279 35	\$50,859 73	\$60,278 83	\$44,150 00
Per Cent expended for the several items.	.....	8.06	.....	2.66	3.15	2.31



TABLE NO. 2—CONTINUED.

COUNTIES.	Interest Paid on outstanding Bonds.	Amount credited to Sinking Fund.	Justices' Court Expenses in- cluding Wit- nesses, Jurors and Constables Fees.	All other Ex- penses.	Total.
Beaverhead.....	\$5,000 00		\$1,407 72	\$5,296 18	\$42,691 18
Cascade.....	21,754 24		1,791 15	9,552 70	124,024 80
Choteau.....	7,783 88	\$506 55	1,527 85	3,330 80	65,762 49
Custer.....	19,187 00	28 34	1,721 55	4,937 17	85,288 48
Dawson.....	4,292 17	5,048 47	149 80	2,016 12	34,846 38
Deer Lodge.....	7,500 00		6,385 76	(f) 20,874 66	139,497 67
Fergus.....	5,537 00		2,101 09	11,907 64	94,546 11
Flathead.....	5,000 00	2,612 05	4,526 56	11,669 48	88,080 70
Gallatin.....	5,714 24	6,348 16	1,367 20	9,639 39	75,226 13
Granite.....			862 05	20,055 86	54,627 33
Jefferson.....	10,920 00	2,289 61	1,177 60	40,061 74	96,270 47
Lewis and Clarke.....	11,490 00		6,025 80	23,293 18	180,078 31
Madison.....	5,472 50		509 35	1,782 31	47,562 14
Meagher.....	11,155 00	11,298 71	565 75	2,792 64	89,409 34
Missoula.....	16,595 15		8,281 70	5,992 31	124,815 25
Park.....	11,450 00		2,921 45	19,070 35	96,225 56
Ravalli.....	3,750 00	6,498 18	1,077 18	952 13	47,196 94
Silver Bow.....	6,250 00	15,700 82	16,911 90	20,841 95	265,730 95
Teton.....	3,604 50	5,564 65	557 00	5,144 74	55,455 33
Valley.....	5,425 00		977 70	1,300 50	34,423 07
Yellowstone.....	11,882 99		1,982 20	11,233 95	73,411 17
Total.....	\$179,163 67	\$55,985 54	\$62,772 36	\$231,645 80	\$1,909,169 80
Per cent expended for the several Items.....	9.38	2.81	3.28	12.13	100

TABLE NO. 3—SHOWING BY COUNTIES, AMOUNTS COLLECTED AND EXPENDED FOR PUBLIC SCHOOLS, BONDS SOLD DURING YEAR AND OUTSTANDING FEBRUARY 28, 1895, ETC., AS REPORTED BY COUNTY CLERKS.

COUNTIES.	Amount col- lected for Public School Fund.	Amount ex- pended for Public Schools.	County Bonds sold during year.	Rate of Interest	Time of matur- ing—years.....	County Bonds out- standing Feb 28, 1895.	Per cent. of Total Bonds Indebt- edness carried by each County.	Rate of Interest.
Beaverhead....	\$13,193 58	\$13,342 50				\$80,000 00	2.73	6 per cent
Cascade.....	(e) 130,127 77	74,313 44				340,000 00	11.61	\$190,000@6%; \$150,000@7%
Choteau.....	30,065 17	14,319 00				126,500 00	4.32	\$108,000@6%; \$18,500@7%
Custer.....	23,696 41	20,911 70				274,100 00	9.36	7 per cent
Dawson.....	6,043 66	5,655 49				62,000 00	2.11	7 per cent
Deer Lodge.....	30,072 93	30,056 66				150,000 00	5.12	5 per cent
Fergus.....	15,352 20	14,196 25	53,000 00	6%		103,000 00	3.51	6 per cent
Flathead.....	11,834 29	12,381 38				100,000 00	3.41	6 per cent
Gallatin.....	30,054 81	29,309 65				95,000 00	3.24	6 per cent
Granite.....	11,391 64	20,620 05						
Jefferson.....	19,358 38	10,726 90				182,000 00	6.21	\$175,000@6%; \$7,000@7%
Lewis & Clarke	93,373 01	92,311 78				190,000 00	6.48	6 per cent
Madison.....	15,919 36	14,913 39				100,000 00	3.41	5½ per cent
Meagher.....	13,156 43	15,038 09	25,000 00	6%	20	188,000 00	6.42	\$138,000@6%; \$50,000@7%
Missoula.....	15,118 64	22,171 94				259,540 00	8.86	5 per ct. 6 per ct. 7 per ct
Park.....	28,097 02	29,615 62	45,000 00	6%	20	200,000 00	6.83	\$80,000@7%; \$120,000@6%
Ravalli.....	11,943 58	9,903 18	75,000 00	6%	20	75,000 00	2.56	6 per cent
Silver Bow.....	107,355 97	85,628 48				125,000 00	4.27	5 per cent
Teton.....	3,146 18	3,441 89	60,000 00	6%	20	60,000 00	2.05	6 per cent
Valley.....	4,731 69	4,582 47				67,000 00	2.28	7 per cent
Yellowstone...	16,378 15	17,527 28				150,000 00	5.12	\$91,500@7%; \$59,000@6%
Total.....	\$618,210 87	\$541,867 14				\$2,927,140 00	100.	

Beaverhead County. (a) Included in "Building and Repairing Highways."

Cascade County. (b) "Printing" included in this item.

(c) County Poor Farm Improvements and Furniture.

(d) Maintenance of Poor.

(e) Including Balance in Treasury March 1, 1894.

Deer Lodge County. (f) \$6,420—expense for treating contagious diseases included.

Fergus County. (g) Included in "Building Bridges."

Park County (h) Included in "Building and Repairing Roads and Highways."

**TABLE NO. 4**—STATEMENT SHOWING, BY COUNTIES, CIVIL AND CRIMINAL CASES, ADMINISTRATIONS AND GUARDIANSHIPS, BEGUN, PENDING OR DISPOSED OF, EXECUTIONS AND FORECLOSURES ISSUED DURING THE CALENDAR YEAR 1894, AS REPORTED BY CLERKS OF DISTRICT COURTS.

COUNTIES.	Civil Cases begun during year.	Civil Cases disposed of during year.	Civil Cases pending at end of year.	Criminal Cases begun by finding information.	Criminal Cases begun by finding indictments.	Criminal Cases pending at end of year.	Convictions for Felony.
Beaverhead .....	54	53	32	9	.....	4	2
Cascade .....	327	332	245	38	3	6	18
Choteau .....	48	31	17	18	.....	1	10
Custer .....	54	45	41	23	23	5	7
Dawson .....	7	13	11	2	2	2	1
Deer Lodge .....	127	99	38	32	.....	.....	18
Fergus .....	91	57	34	9	.....	.....	4
Flathead .....	102	68	34	44	.....	1	1
Gallatin .....	158	149	90	15	.....	6	3
Granite .....	71	52	42	14	.....	1	3
Jefferson .....	98	86	76	12	.....	5	1
Lewis and Clarke .....	446	338	945	41	.....	17	12
Madison .....	39	25	25	11	.....	4	4
Meagher .....	118	142	67	2	.....	2	.....
Missoula .....	132	157	305	12	7	3	9
Park .....	121	165	82	20	.....	11	7
Ravalli .....	51	59	31	4	.....	4	3
Silver Bow .....	559	639	554	65	15	31	28
Teton .....	38	35	27	15	.....	1	7
Valley .....	4	5	.....	2	.....	.....	1
Yellowstone .....	61	78	25	26	1	4	10
Total .....	2,706	2,638	2,721	414	51	108	149

**TABLE NO. 4**—CONTINUED.

COUNTIES.	Convictions for Misdemeanors.	Administrations pending at beginning of year.	Letters of Administration granted.	Estates settled during year.	Guardianships pending at beginning of year.	Guardianships disposed of during year.	Executions issued during year.	Decrees of Foreclosures issued during year.
Beaverhead .....	2	46	10	9	18	.....	8	2
Cascade .....	6	60	15	28	23	.....	75	51
Choteau .....	.....	37	4	2	16	.....	5	5
Custer .....	9	23	10	6	7	.....	13	2
Dawson .....	.....	4	6	.....	2	.....	1	.....
Deer Lodge .....	3	30	29	32	3	4	37	18
Fergus .....	1	14	6	7	4	.....	6	4
Flathead .....	2	13	7	2	.....	3	32	7
Gallatin .....	1	72	18	7	37	.....	40	9
Granite .....	2	17	10	3	5	.....	14	4
Jefferson .....	4	.....	13	.....	.....	.....	20	9
Lewis & Clarke .....	5	130	50	15	74	43	25	81
Madison .....	2	37	21	1	10	.....	4	4
Meagher .....	1	55	13	4	13	.....	32	11
Missoula .....	3	191	15	5	51	.....	33	11
Park .....	1	22	12	7	5	.....	42	15
Ravalli .....	4	14	5	1	2	3	9	9
Silver Bow .....	16	92	53	38	18	4	89	35
Teton .....	2	1	1	.....	1	.....	10	6
Valley .....	1	2	.....	2	.....	1	.....	.....
Yellowstone .....	8	11	9	4	3	1	20	7
Total .....	73	871	307	173	292	59	515	290

**TABLE NO. 5—STATEMENT SHOWING, BY COUNTIES, REAL ESTATE TRANSFERS MADE BY ADMINISTRATORS, GUARDIANS AND OTHERS: REAL ESTATE MORTGAGES AND SATISFACTIONS; CHATTEL MORTGAGES AND MECHANICS LIENS FILED DURING CALENDAR YEAR 1894, AS REPORTED BY COUNTY CLERKS.**

COUNTIES.	DEEDS.		EXECUTORS, ADMINIS- TRATORS AND GUARDIAN'S DEEDS.		SHERIFF'S DEEDS.		TAX TITLE DEEDS.	
	Warranty, Quit Claim, etc.							
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
Beaverhead .....	162	\$38,508 00	7	\$2,600 00	3	\$3,645 31	4	\$172 00
Cascade .....	851	987,492 00	4	3,189 37	25	48,859 34	3	75 42
Choteau .....	117	64,736 00	1	480 00	2	1,750 00	1	4 05
Custer .....	96	74,841 13			8	7,032 02	5	55 24
Dawson .....	57	34,111 47	1	1 00			14	77 10
Deer Lodge .....	485	351,787 08	11	10,692 00	24	84,798 11	4	51 51
Fergus .....	348	3,146,063 29	6	535 00	5	2,847 26		
Flathead .....	369	255,305 35	1	1,500 00	5	6,080 00		
Gallatin .....	288	355,061 20	7	10,796 00	12	43,364 39	8	27 96
Granite .....	*271	371,112 72						
Jefferson .....	935	835,000 00	6	2,000 00	18	54,000 00	1	17 18
Lewis and Clarke .....	557	962,168 39	5	3,416 00	40	91,258 84	15	337 55
Madison .....	276	575,225 00	4	6,519 00	10	45,744 62	3	76 21
Meagher .....	238	237,464 51	9	63,050 87	13	58,732 40	6	138 13
Missoula .....	434	365,272 18	11	5,113 27	23	28,996 70	4	62 22
Park .....	328	525,768 00			12	22,219 00	6	97 00
Ravalli .....	324	1,693,908 52	5	3,951 00	3	1,111 60		
Silver Bow .....	1,073	1,486,974 00	18	3,436 00	30	55,433 00	45	2,178 00
Teton .....	108	27,813 86			8	3,960 73		
Valley .....	136	13,617 50						
Yellowstone .....	227	115,101 04	2	1,301 00	1	1,000 00	12	55 13
Total .....	7,680	\$12,517,334 24	98	\$118,480 51	242	\$560,833 31	131	\$3,424 71

\* All Deeds included.

**TABLE NO. 5—CONTINUED.**

COUNTIES.	TOT. NO. AND AMOUNT OF REAL ESTATE TRANSFERS MADE DURING YEAR.		REAL ESTATE MORT- GAGES RECORDED.		SATISFACTIONS ENTERED.		Per cent. of Mortgages satis- fied, relatively, in each County as compared with No. of Mortgages recorded during year
	No.	Amount.	No.	Amount.	No.	Amount.	
Beaverhead .....	176	\$44,925 31	26	\$53,560 05	4	\$10,903 65	20.36
Cascade .....	883	1,039,616 13	275	502,876 00	101	152,480 25	30.32
Choteau .....	121	66,970 06	41	30,167 00	23	16,934 00	56.13
Custer .....	109	81,928 39	56	53,776 25	49	57,597 00	107.29
Dawson .....	72	34,189 57	16	12,012 72	9	9,545 12	79.46
Deer Lodge .....	524	447,328 70	163	168,907 94	109	101,845 38	60.29
Fergus .....	359	3,149,445 55	175	362,246 95	98	187,473 34	51.76
Flathead .....	375	262,885 35	166	195,728 74	87	38,107 90	19.46
Gallatin .....	315	409,249 55	139	158,360 43	148	236,718 00	143.17
Granite .....	271	371,112 72	53	55,270 97	12	12,127 54	21.94
Jefferson .....	960	891,017 18	102	60,000 00	37	12,950 00	21.58
Lewis and Clarke .....	617	1,057,180 78	207	1,199,181 36	194	903,561 07	75.35
Madison .....	293	627,564 83	72	123,348 50			
Meagher .....	266	359,385 91	108	210,830 45	37	50,602 56	24.00
Missoula .....	472	399,444 37	165	223,170 03	143	163,826 06	73.40
Park .....	346	548,084 00	150	358,914 00	4	6,905 00	1.92
Ravalli .....	332	1,698,971 12	146	130,480 75	130	83,296 15	63.80
Silver Bow .....	1,166	1,548,021 00	275	610,193 00	442	596,958 00	97.83
Teton .....	116	31,774 58	44	51,060 34	22	14,149 21	27.70
Valley .....	136	13,617 50	21	6,442 42	3	415 00	6.44
Yellowstone .....	242	117,360 17	104	99,594 06	116	93,260 29	93.64
Total .....	8,151	\$13,300,072 77	2,504	\$4,666,121 96	1,768	\$2,739,655 52	58.79

TABLE NO. 5—CONTINUED.

COUNTIES.	CHATTEL MORTGAGES FILED.		TOTAL NO. REAL ES- TATE AND CHATTEL MORTGAGES RE- CORDED AND FILED.		MECHANICS LIENS FILED.		Per Cent. of Total No. of Real Estate and Chattel Mortgages re- corded and filed by each County.	Per Cent of Total Amount in- vested in all Mortgages filed by each County.
	No.	Amount.	No.	Amount.	No.	Amount.		
Beaverhead .....	146	\$110,279 50	172	\$163,839 55	1	\$250 00	2.47	1.56
Cascade .....	483	400,825 39	758	903,701 39	26	8,532 28	10.88	8.63
Choteau .....	156	345,851 00	197	376,018 00	4	304 19	2.82	3.59
Custer .....	230	913,745 37	286	967,521 62	3	101 96	4.10	9.24
Dawson .....	72	621,894 45	88	633,907 17	.....	.....	1.36	6.05
Deer Lodge .....	139	75,981 96	302	244,889 90	15	4,237 44	4.33	2.33
Fergus .....	379	715,921 03	554	1,078,167 98	94	36,534 07	7.95	10.29
Flathead .....	263	123,551 03	429	319,279 77	15	6,214 96	6.15	3.04
Gallatin .....	303	147,593 73	442	305,954 16	3	516 24	6.48	2.92
Granite .....	92	68,604 55	145	123,875 52	49	8,849 25	2.03	1.18
Jefferson .....	161	102,890 00	263	162,800 00	99	11,500 00	3.77	1.55
Lewis and Clarke ..	256	241,045 17	463	1,440,236 53	24	3,191 99	6.64	13.75
Madison .....	121	121,460 00	193	244,808 50	7	13,916 66	2.77	2.33
Meagher .....	225	327,213 78	333	538,044 23	37	6,252 31	4.78	5.13
Missoula .....	226	203,799 41	391	426,969 44	5	1,045 00	5.61	4.07
Park .....	283	290,138 00	433	649,052 00	2	188 00	6.21	6.19
Ravalli .....	164	44,331 08	310	174,811 83	10	784 49	4.45	1.66
Silver Bow .....	386	288,899 00	661	899,092 00	64	10,239 00	9.49	8.58
Teton .....	94	202,989 68	138	254,050 02	2	1,565 10	1.98	2.54
Valley .....	40	115,645 40	61	122,087 82	12	3,047 80	0.87	1.16
Yellowstone .....	242	341,558 13	346	441,152 19	7	1,643 30	4.96	4.21
Total .....	4,461	\$5,804,127 66	6,965	\$10,470,249 62	479	\$118,914 04	100.	100.

TABLE NO. 6—NUMBER OF DIVORCES GRANTED IN CALENDAR YEAR 1894, AND WHETHER UPON COMPLAINT OF WIFE OR HUSBAND, AS REPORTED BY THE CLERKS OF THE DISTRICT COURTS.

COUNTIES.	Granted upon com- plaint of Wife.	Granted upon com- plaint of Husband.	Total Number Granted.	Per Cent of Divorces Granted in the several Counties.	Marriage Licenses is- sued during year.	Relative Per Cent of Di- vorces Grant- ed as com- pared with Marriage Li- censes issued during year.
Beaverhead .....	4	2	6	2.63	37	16.22
Cascade .....	26	6	32	14.04	162	19.75
Choteau .....	4	3	7	3.07	39	17.95
Custer .....	6	1	7	3.07	47	14.89
Dawson .....	0	0	0	.....	15	.....
Deer Lodge .....	10	3	13	5.70	80	16.25
Fergus .....	2	2	4	1.75	42	9.52
Flathead .....	4	1	5	2.19	41	12.19
Gallatin .....	7	3	10	4.40	76	13.16
Granite .....	3	1	4	1.75	24	16.67
Jefferson .....	5	4	9	3.95	30	30.00
Lewis and Clarke ..	20	9	29	12.72	222	13.06
Madison .....	2	2	4	1.75	38	10.53
Meagher .....	4	1	5	2.19	28	17.85
Missoula .....	17	3	20	8.77	97	20.62
Park .....	6	5	11	4.82	118	9.46
Ravalli .....	3	2	5	2.19	54	11.11
Silver Bow .....	33	11	44	19.30	358	12.29
Teton .....	0	1	1	0.44	19	5.26
Valley .....	4	0	4	1.75	11	36.36
Yellowstone .....	7	1	8	3.51	60	13.33
Total .....	167	61	228	100.	1,598	14.26
Per Cent. ....	73.25	26.75				

## NATURALIZATIONS IN MONTANA, 1894.

TABLE NO. 6—STATEMENT SHOWING THE NUMBER AND NATIVITY OF PERSONS TO WHOM FINAL NATURALIZATION PAPERS WERE ISSUED IN THE CALENDAR YEAR 1894, AS REPORTED BY CLERKS OF THE SEVERAL COURTS.

COUNTIES.	Austria.....	Belgium.....	Bohemia.....	Canada.....	Denmark.....	England.....	Finland.....	France.....	Germany.....	Ireland.....	Italy.....	Norway.....	Russia.....	Scotland.....	Sweden.....	Switzerland..	Wales.....	All others....	Total.....	Per Cent. of Persons nat-uralized in each County.
Beaverhead	2			15	5	13	71	7	12	7			4	1	147	1		1	62	0.62
Cascade	22	1		215	11	97	4	57	91	19	10	90	30		6	6	16	16	924	9.30
Choteau	1			46	4	17	1	4	19	4	3	11	13		9	1			144	1.45
Custer		1		16	2	12	1		6	9		8			13			3	92	0.93
Dawson		2		12	4	4			20	3					65			1	60	0.60
Deer Lodge	56	2		109	9	20	28	57	30	57	14	7			4			4	415	4.15
Fergus	2			18		3		9	17	9		8			4				65	0.65
Flathead	5			110	6	25	1	3	57	30	8	20			43			6	331	3.34
Gallatin	11		1	35	5	23	1		20	15	5	6			36			6	171	1.72
Granite	5			74	3	50	2		12	13	2	3			36			1	212	2.13
Jefferson	16			36	8	45	5		8	15	10	12			19			1	183	1.84
Lewis and Clarke	50		4	190	17	183	30		130	117	24	64			170			29	1,087	13.21
Madison	4		1	33	1	8			12	10		1			3			1	81	0.82
Meagher				11	1	11			4	2		10			1				41	0.41
Missoula	6			273	10	33	5		44	36	1	17			77			3	548	5.52
Park	38	2		33	3	33	1		37	22	7	35			23			6	264	2.66
Ravalli	1			82	4	4	11		6	6		6			22			6	158	1.59
Silver Bow	380	11	*	800	24	902	112		196	931	233	80			272			91	4,223	46.82
Teton				14	1	7			1	4					2			8	37	0.37
Valley	6			24	2	14	34		13	18	5	9			2			2	90	0.90
Yellowstone															11			3	157	1.58
Total.....	604	30	6	2,152	112	1,511	305	60	727	1,382	318	402	88	263	950	147	141	90	9,287	100.
ISSUED IN U. S. COURTS.																				
BUTTE.																				
In District Court.....	27	1	1	59	4	103	13	1	21	69	30	8	1		21	4	10	6	392	
In Circuit Court.....	3			5	1	2	4		3	13	1	2			4		1		39	
HELENA.																				
In District Court.....	21			29	6	22	6	3	33	18	7	12	4		41	11	1	6	222	
In Circuit Court.....				1		1													3	
Total.....	51	1	1	94	11	128	23	4	57	100	38	22	6		66	15	12	12	656	
Grand Total.....	655	21	7	2,246	123	1,639	328	64	784	1,482	356	422	94	278	1,016	162	153	102	9,934	
Per Cent of different Nationalities..	6.60	0.21	0.07	22.61	1.24	16.49	3.30	0.65	7.90	14.92	3.58	4.25	0.95	2.80	10.23	1.63	1.54	1.03	100.	

\* Included in Austria.

## JAIL INCARCERATIONS IN MONTANA, 1894.

**TABLE NO. 7**—STATEMENT SHOWING, BY COUNTIES, THE NUMBER, SEX AND NATURE OF THE OFFENSES CHARGED AGAINST PERSONS CONFINED IN THE JAILS OF MONTANA, DURING THE CALENDAR YEAR 1894, AS REPORTED BY SHERIFFS.

COUNTIES.	WHITE.			COLORED.			INDIAN.			Total Number confined during year.	DAYS CONFINED.		NATURE OF OFFENSES CHARGED.		Insane Temporarily in Custody of Sheriff
	Male	Female	Total.	Male	Female	Total	Male	Female	Total		Total Number of days all confined.	Average Number of days each confined.	Misde-meanors.	Held for Felonies for action of Dist. Court.	
Beaverhead.....	34	.....	34	1	.....	1	3	.....	38	1,905	50.13	30	8	.....	
Cascade.....	119	6	125	1	.....	1	2	.....	128	3,239	25.30	86	42	.....	
Choteau.....	46	.....	46	2	.....	2	.....	.....	48	1,774	37.00	19	29	.....	
Custer.....	58	.....	58	4	2	6	.....	.....	64	1,917	29.95	56	8	.....	
Dawson.....	4	.....	4	1	.....	1	.....	.....	5	148	29.60	2	3	.....	
Deer Lodge.....	188	21	209	.....	2	2	.....	.....	211	6,456	30.59	175	36	.....	
Fergus.....	32	.....	34	1	.....	1	.....	.....	35	506	14.46	25	10	.....	
Flathead.....	111	3	114	4	4	4	18	20	138	3,588	26.00	101	37	.....	
Gallatin.....	75	.....	75	1	.....	1	.....	.....	76	2,352	30.91	43	26	7	
Granite.....	30	.....	30	.....	.....	.....	.....	.....	30	600	20.00	30	.....	.....	
Jefferson.....	58	.....	58	.....	.....	.....	.....	.....	58	446	7.69	33	24	.....	
Lewis and Clarke.....	394	8	402	21	1	22	10	10	434	13,574	31.37	347	87	.....	
Madison.....	19	2	21	.....	.....	.....	.....	.....	21	628	29.90	3	14	4	
Meagher.....	8	.....	8	.....	.....	.....	.....	.....	8	192	24.00	3	.....	.....	
Missoula.....	498	12	510	25	6	31	22	29	570	2,850	5.00	(a) 558	12	.....	
Park.....	116	3	119	3	2	5	.....	.....	124	446	3.60	116	8	.....	
Ravalli.....	35	.....	35	.....	.....	.....	.....	.....	35	491	14.03	25	10	.....	
Silver Bow.....	698	64	762	21	9	30	1	1	793	15,963	20.13	* 691	57	45	
Teton.....	6	.....	6	.....	.....	.....	.....	.....	6	292	48.66	4	2	.....	
Valley.....	6	.....	6	.....	.....	.....	.....	.....	6	180	30.00	3	.....	.....	
Yellowstone.....	76	.....	76	9	.....	9	1	.....	86	1,798	20.90	37	46	.....	
Total.....	2,611	121	2,732	90	26	116	57	9	2,914	59,345	20.36	2,387	463	64	
Per cent of Total Incarcerations.....	89.60	4.15	.....	3.09	0.89	.....	1.96	0.31	.....	.....	.....	.....	.....	.....	

\* Witnesses, 23; + 6 Chinese; (a) includes Vagrancy, Petty Larceny, Disturbance.

**TABLE NO. 8**—STATEMENT SHOWING, BY COUNTIES, THE OFFENSES FOR WHICH PRISONERS WERE COMMITTED TO THE STATE PRISON AT DEER LODGE, DURING CALENDAR YEAR, 1894.

COUNTIES.	AGAINST THE PER-ON.						AGAINST PROPERTY.						AGAINST PUBLIC ORDER.	Total	Per Ct. of Prisoners sent from several Counties.			
	Assault to kill	Assault with deadly weapon	Manslaughter.	Murder Second Degree	Rape	Mayhem	Robbery	Burglary	Embezzlement	Forgery	Felonious Branding...	Grand Larceny	Obt. prop'y under false pret.			Receiving stolen property	Escaping from Prison	Selling whisky to Indians
Beaverhead.....								2	2							1	2	1.48
Cascade.....		1					2		4	1	1	4					16	11.86
Choteau.....		1										4					10	7.41
Custer.....			1									3			1		5	3.70
Dawson.....														1			1	0.74
Deer Lodge.....				1		1	2	2				4					11	8.15
Fergus.....												3					4	2.97
Flathead.....										1					1		1	0.74
Gallatin.....							1								3		4	2.97
Granite.....																		
Jefferson.....																	2	1.48
Lewis and Clarke.....		1		1			2	2	2	1	2	2					14	10.37
Madison.....							2	1	1								4	2.97
Meagher.....																		
Missoula.....	3		1				2										9	6.66
Park.....			1	2								1					4	2.97
Ravalli.....												3					3	2.22
Silver Bow.....	3	2		1		1	1	10	1	2		3	1				25	18.51
Teton.....								1		1	1	4					7	5.18
Valley.....							2	1									3	2.22
Yellowstone.....				1				4		2		3					10	7.40
Total.....	6	5	3	6	1	1	19	35	4	9	1	37	1	1	5	1	135	100.
Per Cent of Total Commitments				30.37							65.19				4.44			

**TABLE NO. 9**—STATEMENT SHOWING, BY COUNTIES, THE FORM OF DISEASE OF PERSONS COMMITTED TO THE INSANE ASYLUM AT WARM SPRINGS, DURING THE CALENDAR YEAR 1894, AS REPORTED BY CONTRACTORS.

COUNTIES.	Chronic Mania	Acute Mania	Melancholia	Dementia	Idiocy	Monomania	Epileptic Insanity	Imbecility	General Paralysis of Insane	Puerperal Insanity	Chronic Alcoholism	Not Insane	Total	Per Cent of Patients by the several Counties.....
Beaverhead.....									1				1	0.97
Cascade.....		1				1							2	1.94
Choteau.....	1	2	1						1				5	4.85
Custer.....	1	1											2	1.94
Dawson.....						1							1	0.97
Deer Lodge.....	3	4		1	1						1		10	9.71
Fergus.....	2	1		1	1								5	4.85
Flathead.....					1								2	1.94
Gallatin.....	1	3	1	1	1								7	6.80
Granite.....			1										2	1.94
Jefferson.....						1							1	0.97
Lewis and Clarke.....	2	4		1		2						1	10	9.71
Madison.....	2	2			1								5	4.85
Meagher.....		1	1	1			1						4	3.89
Missoula.....	1	6	2					1					10	9.71
Park.....				2	1	1							4	3.89
Ravalli.....		1											1	0.97
Silver Bow.....	1	10	4	3		5	1				1		25	24.27
Teton.....														
Valley.....		1											1	0.97
Yellowstone.....	2		1	1								1	5	4.85
Total.....	16	37	11	12	1	17	2	1	2		2	2	103	100.

TABLE NO. 10—Indebtedness of Counties March 1, 1895

## BEAVERHEAD COUNTY.

DEBTOR.			
March 1, 1895.	To Bonds outstanding (Issue of 1887).....		\$20,000 00
March 1, 1895.	To Bonds outstanding (Court House).....		40,000 00
March 1, 1895.	To Bonds outstanding (Refunding).....		20,000 00
March 1, 1895.	To accrued interest on same.....		833 33
March 1, 1895.	To Warrants outstanding.....		5,812 71
March 1, 1895.	To accrued interest on same.....		140 00
			<hr/>
			\$86,786 04
CREDIT.			
March 1, 1895.	By Balances in all County Funds.....	\$27,223 70	
March 1, 1895.	By Net indebtedness.....	59,562 34	
			<hr/>
			\$6,786 04
March 1, 1894.	Net indebtedness.....		72,813 84
March 1, 1895.	Net indebtedness.....		59,562 34
			<hr/>
Decrease.....			\$13,251 50

## CASCADE COUNTY.

DEBTOR.			
March 1, 1895.	To Bonded indebtedness.....		\$340,000 00
March 1, 1895.	To Interest accrued on same.....		3,616 66
March 1, 1895.	To General Fund Warrants outstanding.....		616 90
March 1, 1895.	To Road Fund Warrants outstanding.....		12 25
March 1, 1895.	To Poor Fund Warrants outstanding.....		86 00
March 1, 1895.	To Contingent Fund Warrants outstanding.....		101 50
			<hr/>
			\$344,433 31
CREDIT.			
March 1, 1895.	By Balance General Fund.....	\$ 40,308 00	
March 1, 1895.	By Balance Contingent Fund.....	7,737 13	
March 1, 1895.	By Balance Road Fund.....	7,172 91	
March 1, 1895.	By Balance Poor Fund.....	23,740 04	
March 1, 1895.	By Balance Bridge Fund.....	2,392 80	
March 1, 1895.	By Balance Sinking Fund.....	10,934 41	
March 1, 1895.	By Balance Emergency Fund.....	31 13	
March 1, 1895.	By Balance District Court Fund.....	14,408 90	
March 1, 1895.	By Net indebtedness.....	\$237,707 99	
			<hr/>
			344,433 31
March 1, 1894.	Net indebtedness.....		260,373 39
March 1, 1895.	Net indebtedness.....		237,707 99
			<hr/>
Decrease.....			\$22,665 40

## CHOTEAU COUNTY.

DEBTOR.			
March 1, 1895.	To Warrants outstanding.....		\$ 48,643 35
March 1, 1895.	To Interest accrued on same.....		2,577 10
March 1, 1895.	To Bonds outstanding.....		126,500 00
March 1, 1895.	To Interest accrued on same.....		1,295 83
			<hr/>
			\$179,316 28
CREDIT.			
March 1, 1895.	By Cash in County Funds.....	\$ 23,143 19	
March 1, 1895.	By Net indebtedness.....	156,173 09	
			<hr/>
			179,316 28
March 1, 1895.	Net indebtedness.....		156,173 09
March 1, 1894.	Net indebtedness.....		140,019 41
			<hr/>
Increase.....			\$ 16,153 68

## CUSTER COUNTY.

DEBTOR.			
March 1, 1895.	To County Bonds outstanding.....		\$274,100 00
March 1, 1895.	To Interest on same to March 1, 1895.....		3,197 83
March 1, 1895.	To Warrants outstanding (unclaimed).....		415 91
March 1, 1895.	To Warrants and Interest outstanding.....		780 72
			<hr/>
			\$278,494 46



## CREDIT.

March 1, 1895.	By Balance General Fund.....	\$ 20,913 87	
March 1, 1895.	By Balance Contingent Fund.....	10,751 75	
March 1, 1895.	By Balance Road Fund.....	1,716 60	
March 1, 1895.	By Balance Interest fund.....	7,258 33	
March 1, 1895.	By Balance Sinking Fund.....	704 71	
March 1, 1895.	By Balance Bridge Fund.....	192 10	
March 1, 1895.	By Balance Bond Funding Account.....	780 72	
March 1, 1895.	By Net indebtedness.....	235,654 78	
			278,494 46
March 1, 1895.	Net indebtedness.....		235,654 78
March 1, 1894.	Net indebtedness.....		223,892 51
Increase.....			\$ 11,762 27

## DAWSON COUNTY.

## DEBTOR.

March 1, 1895.	To Bonded indebtedness.....	\$62,000 00
March 1, 1895.	To accrued interest on same.....	2,409 56
March 1, 1895.	To General Fund Warrants outstanding.....	273 07
March 1, 1895.	To Poor Fund Warrants outstanding.....	11 12
		\$64,693 75

## CREDIT.

March 1, 1895.	By Balance in General Fund.....	\$ 2,594 23	
March 1, 1895.	By Balance in Contingent Fund.....	15 57	
March 1, 1895.	By Balance in Poor Fund.....	1,731 66	
March 1, 1895.	By Balance in Road Fund.....	1,629 34	
March 1, 1895.	By Balance in Sinking Fund.....	3,966 68	
March 1, 1895.	By Net indebtedness.....	54,756 27	
			64,693 75
March 1, 1895.	Net indebtedness.....		54,756 27
March 1, 1894.	Net indebtedness.....		51,978 53
Increase.....			\$ 2,777 74

## DEER LODGE COUNTY.

## DEBTOR.

March 1, 1895.	To Bonds outstanding (Issue 1890).....	\$150,000 00
March 1, 1895.	To Interest on same to date.....	1,250 00
March 1, 1895.	To Overdraft Road Fund.....	21,052 01
March 1, 1895.	To Overdraft County Warrants.....	27,422 66
		\$199,724 67

## CREDIT.

March 1, 1895.	By Balance in Poor Fund.....	\$ 6,230 47	
March 1, 1895.	By Balance in Contingent Fund.....	9,045 83	
March 1, 1895.	By Balance in Bridge Fund.....	1,981 81	
March 1, 1895.	By Indebtedness of Granite County.....	16,993 11	
March 1, 1895.	By Net indebtedness.....	165,583 45	
			199,724 67
March 1, 1895.	Net indebtedness.....		165,583 45
March 1, 1894.	Net indebtedness.....		109,988 32
Increase.....			\$ 55,545 13

## FERGUS COUNTY.

## DEBTOR.

March 1, 1895.	To County Bonds outstanding.....	\$103,000 00
March 1, 1895.	To Interest on same.....	1,030 00
March 1, 1895.	To Registered Warrants outstanding.....	400 00
March 1, 1895.	To Interest on same.....	15 00
March 1, 1895.	To Warrants outstanding (not registered).....	2,699 56
		\$107,144 56

## CREDIT.

March 1, 1895.	By Cash on hand.....	\$23,949 45	
March 1, 1895.	By Warrants cancelled by limitation.....	279 50	
March 1, 1895.	By Net indebtedness.....	82,915 61	
			107,144 56
March 1, 1895.	Net indebtedness.....		82,915 61
March 1, 1894.	Net indebtedness.....		79,944 82
Increase.....			\$ 2,970 79

## FLATHEAD COUNTY.

## DEBTOR.

March 1, 1895.	To Bonded indebtedness.....	\$100,000 00
March 1, 1895.	To accrued interest on same.....	1 000 00
March 1, 1895.	To General Warrants outstanding.....	26,313 03
March 1, 1895.	To Road Warrants outstanding.....	16,999 65
March 1, 1895.	To Interest on outstanding warrants.....	1,055 30
		<hr/> \$145,367 98

## CREDIT.

March 1, 1895.	By Cash on hand.....	\$ 19,780 44
March 1, 1895.	By Net indebtedness.....	125,587 54
		<hr/> 145,367 98
March 1, 1895.	Net indebtedness.....	125,587 54
March 1, 1894.	Net indebtedness.....	95,333 02
Increase.....		<hr/> \$30,254 52

## GALLATIN COUNTY.

## DEBTOR.

March 1, 1895.	To Bonded indebtedness.....	\$ 95,000 00
March 1, 1895.	To Interest accrued on same.....	1,850 00
March 1, 1895.	To General Fund Warrants outstanding.....	12,959 21
March 1, 1895.	To Contingent Fund Warrants outstanding.....	9,024 15
March 1, 1895.	To Bridge Fund Warrants outstanding.....	19,448 41
March 1, 1895.	To Road Fund Warrants outstanding.....	22,454 37
March 1, 1895.	To Interest accrued on Registered Warrants.....	625 36
		<hr/> \$161,361 50

## CREDIT.

March 1, 1895.	By Balance Sinking Fund.....	\$ 6,148 16
March 1, 1895.	By Balance in General Fund.....	5,934 11
March 1, 1895.	By Balance in Contingent Fund.....	7,279 08
March 1, 1895.	By Balance in Bridge Fund.....	10,865 62
March 1, 1895.	By Balance in Road Fund.....	10,877 80
March 1, 1895.	By Balance in Poor Fund.....	4,858 17
March 1, 1895.	By Net indebtedness.....	115,398 56
		<hr/> 161,361 50
March 1, 1895.	Net indebtedness.....	115,398 56
March 1, 1894.	Net indebtedness.....	95,667 04
Increase.....		<hr/> \$ 19,731 52

## GRANITE COUNTY.

## DEBTOR.

March 1, 1895.	To Indebtedness County Fund.....	\$55,821 71
March 1, 1895.	To Indebtedness Contingent Fund.....	1,567 18
March 1, 1895.	To Indebtedness Road Fund.....	1,669 42
		<hr/> \$59,058 31

## CREDIT.

March 1, 1895.	By Balance Poor Fund.....	\$ 4,223 72
March 1, 1895.	By Net indebtedness.....	54,834 59
		<hr/> \$59,058 31
March 1, 1895.	Net indebtedness.....	\$54,834 59
March 1, 1894.	Net indebtedness.....	37,837 84
Increase.....		<hr/> \$16,996 75

## JEFFERSON COUNTY.

March 1, 1895.	To County Bonds outstanding.....	\$135,000 00
March 1, 1895.	To Jail Bonds outstanding.....	7,000 00
March 1, 1895.	To Court House Bonds outstanding.....	40,000 00
March 1, 1895.	To Warrants outstanding.....	3,775 73
		<hr/> \$185,775 73

## CREDIT.

March 1, 1895.	By Balance General Fund.....	\$ 10,512 63	
March 1, 1895.	By Balance Contingent Fund.....	13,195 59	
March 1, 1895.	By Balance Road Fund.....	3,000 82	
March 1, 1895.	By Balance Sinking Fund.....	7,682 07	
March 1, 1895.	By Balance Poor Fund.....	1,221 07	
March 1, 1895.	By Net indebtedness.....	149,563 55	
			185,775 73
March 1, 1894.	Net indebtedness.....	\$160,338 90	
March 1, 1894.	Approximate interest.....	1,800 00	
			162,138 90
March 1, 1895.	Net indebtedness.....	\$149,563 55	
March 1, 1895.	Approximate interest.....	1,800 00	
			151,363 55
Decrease.....			\$ 10,775 85

## LEWIS AND CLARKE COUNTY.

## DEBTOR.

March 1, 1895.	To County Bonds outstanding.....	\$190,000 00
March 1, 1895.	To Interest on same.....	1,900 00
March 1, 1895.	To County Warrants outstanding.....	1,901 70
		\$193,801 70

## CREDIT.

March 1, 1895.	By Cash in General Fund.....	\$ 2,095 51	
March 1, 1895.	By Cash in Contingent Fund.....	1,043 29	
March 1, 1895.	By Cash in Road Fund.....	2,782 25	
March 1, 1895.	By Cash in Bridge Fund.....	933 40	
March 1, 1895.	By Cash in Poor Fund.....	2,043 04	
March 1, 1895.	By Net indebtedness.....	184,904 21	
			193,801 70
March 1, 1895.	Net indebtedness.....	184,904 21	
March 1, 1894.	Net indebtedness.....	119,425 92	
Increase.....			\$ 65,478 29

## MADISON COUNTY.

## DEBTOR.

March 1, 1895.	To Bonded indebtedness.....	\$100,000 00
March 1, 1895.	To accrued interest on same.....	925 00
March 1, 1895.	To County Warrants outstanding.....	507 64
		\$101,432 64

## CREDIT.

March 1, 1895.	By Balance in General Fund.....	\$ 6,912 78	
March 1, 1895.	By Balance in Contingent Fund.....	10,490 84	
March 1, 1895.	By Balance in Poor Fund.....	4,603 66	
March 1, 1895.	By Balance in Road Fund.....	1,774 49	
March 1, 1895.	By Balance in Bridge Fund.....	361 06	
March 1, 1895.	By Fees for credit Contingent Fund.....	234 61	
March 1, 1895.	By Net indebtedness.....	77,055 20	
			101,432 64
March 1, 1894.	Net indebtedness.....	79,061 50	
March 1, 1895.	Net indebtedness.....	77,055 20	
Decrease.....			\$ 2,006 30

## MEAGHER COUNTY.

## DEBTOR.

March 1, 1895.	To Bonds outstanding 7%.....	\$ 50,000 00
March 1, 1895.	To Interest on same.....	583 54
March 1, 1895.	To Bonds outstanding 6%.....	138,000 00
March 1, 1895.	To Interest on same.....	1,380 00
March 1, 1895.	To Warrants outstanding.....	15,545 44
March 1, 1895.	To Interest on same.....	600 00
		\$206,109 20

## CREDIT.

March 1, 1895.	By Balance in Connty Fund.....	\$ 21,045 55	
March 1, 1895.	By Balance in Contingent Fund.....	3,263 46	
March 1, 1895.	By Balance in Poor Fund.....	2,950 54	
March 1, 1895.	By Balance in Sinking Fund.....	128 51	
March 1, 1895.	By Balance in Road Fund.....	1,321 47	
March 1, 1895.	By Net indebtedness.....	177,399 17	
			206,109 20
March 1, 1894.	Net indebtedness.....	178,915 63	
March 1, 1895.	Net indebtedness.....	177,399 17	
Decrease.....			\$ 1,516 46

## MISSOULA COUNTY.

## DEBTOR.

March 1, 1895.	To General Fund indebtedness.....	\$ 77,229 76
March 1, 1895.	To Contingent Fund indebtedness.....	6,042 95
March 1, 1895.	To Poor Fund indebtedness.....	1,059 95
March 1, 1895.	To Road Fund indebtedness.....	3,714 29
March 1, 1895.	To Bridge Fund indebtedness.....	71 30
March 1, 1895.	To Bitter Root Fund indebtedness.....	51 00
March 1, 1895.	To Current expense.....	7 18
March 1, 1895.	To County Bonds 5%.....	44,850 00
March 1, 1895.	To County Bonds 6%.....	1,690 00
March 1, 1895.	To County Bonds 7%.....	50,000 00
March 1, 1895.	To Jail Bonds 7%.....	13,000 00
March 1, 1895.	To County Funding Bonds 6%.....	150,000 00
		<hr/>
		\$347,716 43

## CREDIT.

March 1, 1895.	By Cash in General Fund.....	\$ 1,102 75
March 1, 1895.	By Cash in Contingent Fund.....	2,360 01
March 1, 1895.	By Cash in Road Fund.....	1,187 82
March 1, 1895.	By Cash in Poor Fund.....	2,524 08
March 1, 1895.	By Amount due from Ravalli County.....	1,451 46
March 1, 1895.	By Amount due from Flathead County.....	493 18
March 1, 1895.	By Cash in State Fund.....	2,333 75
March 1, 1895.	By Cash in School Fund.....	8,808 04
March 1, 1895.	By Net indebtedness.....	327,455 34
		<hr/>
		347,716 43
March 1, 1895.	Net indebtedness.....	327,455 34
March 1, 1894.	Net indebtedness.....	289,964 31
		<hr/>
Increase.....		\$ 37,491 03

## PARK COUNTY.

## DEBTOR.

March 1, 1895.	To Bonds outstanding.....	\$300,000 00
March 1, 1895.	To Interest on same.....	2,133 00
March 1, 1895.	To County Warrants outstanding.....	13,342 68
March 1, 1895.	To Unclaimed Warrants.....	253 95
		<hr/>
		\$315,729 63

## CREDIT.

March 1, 1895.	By Cash on hand.....	\$ 16,925 63
March 1, 1895.	By Net indebtedness.....	198,804 00
		<hr/>
		215,729 63
March 1, 1895.	Net indebtedness.....	198,804 00
March 1, 1894.	Net indebtedness.....	180,236 23
		<hr/>
Increase.....		\$ 18,567 77

## RAVALLI COUNTY.

## DEBTOR.

March 1, 1895.	To Bonded indebtedness.....	\$75,000 00
March 1, 1895.	To accrued interest on same.....	750 00
March 1, 1895.	To General Fund Warrants outstanding.....	13,305 64
March 1, 1895.	To Same (per County Clerk).....	1,427 30
March 1, 1895.	To Contingent Fund Warrants outstanding.....	2,927 66
March 1, 1895.	To Road Fund Warrants outstanding.....	3,248 90
March 1, 1895.	To accrued interest on Warrants out-standing.....	520 05
		<hr/>
		\$97,179 55

## CREDIT.

March 1, 1895.	By Balance in General Fund.....	\$ 2,250 60
March 1, 1895.	By Balance in Contingent Fund.....	1,404 89
March 1, 1895.	By Balance in Road Fund.....	330 36
March 1, 1895.	By Balance in Poor Fund.....	462 90
March 1, 1895.	By Balance in Interest Fund.....	2,748 18
March 1, 1895.	By Net indebtedness.....	89,982 62
		<hr/>
		97,179 55
March 1, 1895.	Net indebtedness.....	89,982 62
March 1, 1894.	Net indebtedness.....	78,850 34
		<hr/>
Increase.....		\$11,132 28

## SILVER BOW COUNTY.

## DEBTOR.

March 1, 1895. To Bonds outstanding..... \$125,000 00

## CREDIT.

March 1, 1895. By Cash in County Fund.....	\$ 22,734 17	
March 1, 1895. By Net indebtedness.....	102,265 83	
		125,000 00
March 1, 1894. Net indebtedness.....		106,053 22
March 1, 1895. Net indebtedness.....		102,265 83
Decrease.....	\$	3,787 39

## TETON COUNTY.

## DEBTOR.

March 1, 1895. To Gross indebtedness..... \$63,053 19

## CREDIT.

March 1, 1895. By Cash in General Fund.....	\$ 1,774 09	
March 1, 1895. By Cash in Contingent Fund.....	97 89	
March 1, 1895. By Cash in Road Fund.....	1,103 03	
March 1, 1895. By Cash in Poor Fund.....	2,002 96	
March 1, 1895. By Cash in Sinking Fund.....	1,960 15	
March 1, 1895. By Net indebtedness.....	56,115 07	
		63,053 19
March 1, 1895. Net indebtedness.....		56,115 07
March 1, 1894. Net indebtedness.....		35,787 57
Increase.....		\$20,327 50

## VALLEY COUNTY.

## DEBTOR.

March 1, 1895. To Bonded indebtedness.....	\$67,000 00
March 1, 1895. To Warrants outstanding.....	17,143 46
March 1, 1895. To accrued interest.....	1,172 50
March 1, 1895. To State Treasurer.....	260 96
	<u>\$85,576 92</u>

## CREDIT.

March 1, 1895. By Cash in General Fund.....	\$ 2,927 34	
March 1, 1895. By Cash in Contingent Fund.....	246 58	
March 1, 1895. By Cash in Poor Fund.....	408 77	
March 1, 1895. By Cash in Road Fund.....	71 48	
March 1, 1895. By Cash in Sinking Fund.....	3,020 20	
March 1, 1895. By Cash in State Fund.....	260 96	
March 1, 1895. By Net indebtedness.....	78,641 59	
		85,576 92
March 1, 1895. Net indebtedness.....		78,641 59
March 1, 1894. Net indebtedness.....		60,581 35
Increase.....		\$18,060 24

## YELLOWSTONE COUNTY.

## DEBTOR.

March 1, 1895. To Bonds outstanding.....	\$150,000 00
March 1, 1895. To Interest accrued on bonds.....	1,540 83
March 1, 1895. To Registered Warrants outstanding.....	6,483 30
	<u>\$158,524 13</u>

## CREDIT.

March 1, 1895. By Cash on hand.....	\$ 34,581 22	
March 1, 1895. By Net indebtedness.....	123,942 91	
		158,524 13
March 1, 1894. Net indebtedness.....		136,046 42
March 1, 1895. Net indebtedness.....		123,942 91
Decrease.....	\$	2,103 51

## RECAPITULATION.

SHOWING THE TOTAL NET INDEBTEDNESS OF THE SEVERAL COUNTIES OF THE STATE,  
AND INCREASE OR DECREASE OF THE SAME FOR THE YEAR ENDED FEB. 28, 1895.

COUNTIES.	Indebtedness March 1, 1894.	Indebtedness March 1, 1895.	Increase.	Decrease.
Beaverhead.....	\$72,813 84	\$59,562 34	.....	\$13,251 50
Cascade.....	260,373 39	237,707 99	.....	22,665 40
Choteau.....	140,019 41	156,173 09	\$16,153 68	.....
Custer.....	223,892 51	235,654 78	11,762 27	.....
Dawson.....	51,978 53	54,756 27	2,777 74	.....
Deer Lodge.....	109,988 32	165,533 45	55,545 13	.....
Fergus.....	79,944 82	82,915 61	2,970 79	.....
Flathead.....	95,333 02	125,587 54	30,254 52	.....
Gallatin.....	95,667 04	115,398 56	19,731 52	.....
Granite.....	37,837 84	54,834 59	16,996 75	.....
Jefferson.....	162,138 90	151,363 55	.....	10,775 35
Lewis and Clarke.....	119,425 92	184,904 21	65,478 29	.....
Madison.....	79,061 50	77,055 20	.....	2,006 30
Meagher.....	178,915 63	177,399 17	.....	1,516 46
Missoula.....	289,964 31	327,455 20	37,491 03	.....
Park.....	180,236 23	198,804 00	18,567 77	.....
Ravalli.....	78,850 34	89,982 62	11,132 28	.....
Silver Bow.....	106,053 22	102,265 83	.....	3,787 39
Teton.....	35,787 57	56,115 07	20,327 50	.....
Valley.....	60,581 35	78,641 59	18,060 24	.....
Yellowstone.....	126,046 42	123,942 91	.....	2,103 51
Total .....	\$2,584,910 11	\$2,856,053 71	\$327,349 51	\$56,105 91

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## PART III.

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### FRUIT GROWING IN MONTANA.

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ITS INCEPTION AND DEVELOPMENT IN MISSOULA, RAVALLI AND FLATHEAD COUNTIES.

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WITH TABLES SHOWING NUMBER OF BEARING AND YOUNG TREES, PRODUCTION OF TREE AND SMALL FRUITS, AVERAGE CROPS, AND HOME MARKET VALUES, 1895.

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ADAPTABILITY OF OTHER LOCALITIES.

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## FRUIT GROWING IN MONTANA.

### Development of a Valuable Industry Showing Statistical Results in Ravalli, Missoula and Flathead Counties.

The possibility of growing fruits on the farm is a matter that presents itself alike to those engaged in, and those who contemplate engaging in, agricultural pursuits in every country, determining in many cases the question of location, and in instances rises to the importance of a commercial question effecting materially the economies and revenues of the farms. Until within the past few years the question: "Are tree fruits grown in Montana?" would have been given an adversely qualified affirmative, if not a general negative answer, and the question: "Can they be grown?" would probably have been given as unfavorable a reply. In all new communities bordering the limit of the fruit zone there have been like experiences until patient, persistent and intelligent effort by the few has finally demonstrated the possibilities of the country, and shown the many how success may be attained and, as in the instance of apples, that nature rewards with the best and finest flavored fruits those who grow them nearest the line of forbidding frost.

It is not claimed that all Montana is adapted to the growing of tree fruits, for its area covers too great an extent and diversity of altitude and climatic conditions to render that possible, but it is demonstrated by results, after years of experiment and effort, that cultivated small fruits grow and bear splendidly in nearly every county in the State: that Ravalli, Missoula and Flathead counties are admirably adapted for a large number of the most desirable tree fruits, and that other and larger areas along the Yellowstone and Missouri rivers and tributaries will doubtless develop very favorably as greater attention is given to the industry, and growers have learned what to plant and how to care for.

Three years ago one of the most prominent and successful fruit growers of the State wrote this Bureau: "I do not suppose five per cent of the trees planted in Missoula County in the past twenty years are now alive, although, had the proper varieties been set out and properly cared for, 95 per cent should and would now be bearing. The climate can only be held responsible for a small proportion of the failures." An experienced orchardist would not take a so called fruit tree that had been transported one or two thousand miles by slow freight, with roots dried up: thrust it carelessly into a post hole in a gravel bar or alkali bed, or other unfavorable location, leave it to be swayed by winds, baked by summer suns, mangled and injured by stock, rabbits or dogs, and expect it to thrive and bear fruit. And yet, aside from being imposed upon in many instances by tree agents who sold trees unadapted to the climate, these were the conditions under which many in the earlier days flattered themselves they were demonstrating the capabilities of favorable localities in Montana for fruit growing, and pronounced the experiment a failure or but a partial success. But through all this there were those who profited by experience, who labored diligently, intelligently and resolutely, achieved success for themselves and for others, and now, to say nothing of other fruit growing localities, the three counties formed from what was then Missoula, have as fine orchards as are found anywhere and produce fruits that cannot be excelled, if they are equalled on the continent. Their fruits are an important marketable commodity, more remunerative than grain, and on their merits bring higher prices than any imported into the State.

In 1893, in order that it might have data to answer inquiries concerning specified localities by intending settlers, this Bureau addressed inquiries to a large number of fruit growers and others interested in different parts of the State, and received replies from nearly every county. The responses were too voluminous for presentation here, but are summarised as below to show the general opinions, and while some counties are generally too high for standard fruits the responses there given, and the better selection of trees, locations and methods since prevailing, seem to vindicate the assertion then made by the editor of the Rocky Mountain Husbandman that "every valley in Montana will grow fruit." The responses were as follows:

**BEAVERHEAD COUNTY.**—The Beaverhead is one of the highest large valleys in the State; altitude 5,000 to 5,500 feet. Small fruits and crab apples do well; one upland orchard 6,000 altitude reports standard apples successful; believe with proper attention and selection of rich land in sheltered localities a good portion of the valley uplands are adapted to fruit growing of the hardier varieties.

**CASCADE COUNTY.**—In this County the Missouri, Sun River and Chestnut Valleys. Altitude of orchards reported 3,600 to 3,800 feet. All small fruits do well. Orchard in experimental stage. Splendid apples grown in Chestnut Valley; some failures in apples reported; believed proper varieties and care will result successfully.

**CHOTEAU COUNTY.**—Not much attention given to fruit growing, but intelligent opinion is that along the Missouri and Milk Rivers (alt. about 2,800 to 3,000 feet) fruit growing will eventually be successful. Lack of water for irrigation hitherto about Chinook has prevented effort but that is now obviated. An experienced fruit grower believes it will be successful in vicinity of Benton; sheltered localities, irrigating facilities and intelligent industry being requisites, but experiments so far not successful.

**CUSTER COUNTY.**—The average altitude along the Yellowstone River in Custer County is about 2,300 feet. All small fruits do well. There are a number of young apple orchards in the County bearing well, and there is every reason to believe effort in that direction will result in Custer being a good fruit growing County.

**DAWSON COUNTY.**—Fruit growing either large or small has been little experimented with as yet. An old and reliable resident expresses the belief that fruits of almost every variety could be successfully grown in almost every part of Dawson County. The altitude of Glendive is 2,067 feet.

**DEER LODGE COUNTY.**—The altitude of Deer Lodge Valley is 4,300 to 5,300 feet. Small fruits grow and bear abundantly, some varieties requiring winter protection. Crab apples bear prolific crops. There has been very little effort to raise standard apples, but some of the hardiest varieties do well in sheltered localities. James Perkins is making a success of Crab and Standard apples on Race Track Creek.

**FERGUS COUNTY.**—No reports have been received from Fergus County in relation to fruit-growing.

**GRANITE COUNTY.**—Flint Creek and Hell Gate Valleys, altitude of 3,800 to 5,000 feet, are very fertile and the small fruits and crab apples grow well. In some sheltered localities the hardier apples can be grown successfully but not much attention has been given to the industry.

**FLATHEAD COUNTY.** (Formerly part of Missoula County.)—Altitude of principal valleys 2,800 to 3,000 feet. County comparatively new, but climate mild and humid. Where experimented with in favorable localities west of mountains, the cultivation of apples, plums and cherries has been successful. All small fruits grow abundantly.

**GALLATIN COUNTY.**—Altitude Gallatin Valley 4,600 to 5,000 feet. All small fruits are very successful; require lots of water; raspberries are laid down in winter and covered with earth. All crabs, hardier varieties of standard apples, plums and cherries are successfully grown by those selecting properly sheltered localities and giving them intelligent care. The same facts prevail in the lower Madison and Jefferson Valleys. Considerable attention has been given to the industry and it is believed fruit growing will become remunerative.

**JEFFERSON COUNTY.**—Altitude of Boulder City 4,900 feet. Small fruits well cultivated grow well and yield largely; blackberry and raspberry canes are laid down in winter and covered with earth. Hardy varieties of apples and plums can be grown in sheltered localities in the valley uplands. An experienced and careful farmer believes fruit growing would be successful with proper varieties and treatment.

**LEWIS AND CLARKE COUNTY.**—Helena (altitude of valley about 4,000 feet) and the neighboring uplands are adapted to apples and a number have trees yielding fine fruit in considerable quantity—so much that fruit has to be picked as it grows to prevent the branches from breaking. Cherries are also grown, and all small fruits do well. One grower reports: "First trees I tried all died with dry rot: since then I irrigate late in the fall and have not lost one." Another: "Mulch heavily with saw dust in winter." Believe favorable conditions exist in other valleys.

**MADISON COUNTY.**—Experience shows that apples, both hardy standards and crabs, and all small fruits can be grown to perfection in any of the valleys in Madison County. Murillo Cherries do well at Ennis at an altitude of 5,000 feet. Low bottom lands not adapted for orchards. Fruit trees do better sheltered from winds by forest trees.

**MEAGHER COUNTY.**—At Canyon Ferry, altitude 4,100 feet, standard and crab apples, cherries and plums grow and bear well. J. V. Stafford and James Philips have fine orchards on uplands. Apples do well at Townsend, Canton and all the Missouri River Valleys east of Boulder Mountains and west of the Belt range. "The hardy varieties of apples grow as readily as potatoes." Bench lands near Diamond City equally favorable; 90 per cent of the trees grow and bear. All small fruits do well and bear.

**MISSOULA COUNTY.**—Altitude of valleys about 3,200 feet. The cultivation of fruit in Montana was first started in the bottom lands of Missoula County proving a failure; the bench lands were then tried successfully. What is now Ravalli County was formerly in Missoula County, but they are many fine orchards in the Hell Gate and Clarke's Fork valley and at Horse Plains in the present county where standard apples grow abundantly. There is a measure of success with cherries, plums and pears, and the introduction of better adapted varieties and better methods within the past few years is resulting in fine success and greatly increased acreage of orchards. The apple orchards of Missoula County are a source of pride, pleasure and profit.

**PARK COUNTY.**—Those portions of Park lying along the Yellowstone at an elevation of 4,000 to 5,000 feet produce abundantly of all the small fruits, and although large fruit growing is yet in its infancy, success has been had with the crabs and standard apples, and it is expected in a few years large quantities of fruit will be raised.

**RAVALLI COUNTY.**—The Bitter Root Valley is the Montana fruit paradise. All along the valley are fine orchards, nearly every farmer having one and all are successful. The fruit is very superior quality and markets higher than any imported fruit. All small fruits are prolific bearers. Peaches and grapes are grown but not very successfully. Fruit growing is believed to be more remunerative in the valley than grain growing.

**YELLOWSTONE COUNTY.**—The altitude along the river varies from 3,000 to 3,600 feet. A number of fine young orchards of standard and crab apples are reported and all doing well and bearing heavily as they come in. Believed the entire valley favorable. All small fruits are prolific bearers and a considerable quantity is exported. Raspberries need laying down and earth protection in winter. In some instances grapes and peaches have been grown.

(Carbon and Sweet Grass Counties have since been formed from Park, Yellowstone and Meagher Counties.)

The consumption of fruit in Montana is very large, and but a small proportion of that which could be grown in the State, is now produced here. In fact it is only very recently that our people, and especially the fruit dealers, are awaking to realization that a superior quality of fruit is being grown in marketable quantities in our own State. With the view therefore of showing approximately the amount of tree and small fruits grown in the three principal fruit growing counties of the State, the number of orchard trees in bearing and their product, and the number of young trees recently set out and not yet bearing; that some facts in this respect might be presented, and the attention of purchasers directed to the product and Montanians in other like favorable areas be encouraged to greater interest in fruit culture and profit by the experience of their neighbors in the western part of the State, this Bureau in 1895 undertook to obtain and present these facts in statistical form. The name and address of each person in Ravalli, Missoula and Flathead counties, who in 1895 raised 20 or more bushels of tree fruits, or who had 25 or more fruit trees set out, or who grew small fruits in quantity for market, was solicited from assessors of these counties. Forms were then mailed to each of these persons covering the inquiries necessary to elicit the information desired, with request to fill and return the same. When not returned in 30 days another request was sent, and again in 30 days another more urgent. It was not practicable except by special agents whom the Bureau could not employ to obtain complete statistics covering the smaller orchards. A number of those to whom reports were sent, failed to report after repeated solicitation by mail. The results as obtained from those reporting are given in the following tables. Although the product for 1895 was very light on account of unusual frosts, and other exceptional conditions, the product and especially the number of young trees set out but not yet bearing, will be a revelation to the people of the State, and an incentive to those where the general conditions are highly favorable, or where there are sheltered localities in the higher valleys, to add to the health and happiness of home life by growing fruits for domestic consumption, if not for market. In making up the exhibit from Ravalli, Missoula and Flathead Counties, five per cent has been added to cover those who had a less number of trees than 25, or who failed to report. The remarks accompanying the individual reports demonstrate that in 1895 the most disastrous late frosts ever known in these Counties prevailed

generally and that not half (perhaps not one-third) an average crop was grown. It should further be borne in mind that nearly all the fruit trees are young—just coming into bearing—and that Flathead county is so newly settled that only a few orchards have been planted, or small fruits set out. Yet notwithstanding these facts, the tree fruits of these three counties in 1895 had a market value at home of \$32,642, and the small fruits a home market value of \$18,324—total \$51,966; and this was less than a half crop of the trees and small fruits in bearing. A most significant fact in connection with the industry appears in the number of "young trees not yet bearing" as compared with the "number of trees of bearing age". In the matter of standard apples there are "33,340 trees of bearing age," and "118,350 young trees not yet bearing," showing that fruit growing has been demonstrated a practical business success, and general attention has recently been directed to orcharding as a remunerative industry. The standard apple crop of 1895 was 28,391 bushels. When the entire 151,690 trees now planted are bearing an average crop of standard apples, that alone will be a very important product, and it is less than half the total fruit product of these Counties. It will be seen that crab apples, cherries, plums, prunes, pears, peaches and grapes are also grown—although the latter do not generally mature satisfactorily—and quite a number of apricots are reported, the typographical limitations of the table preventing presentation of that product.

The growing of small fruits for market will also be noted as highly successful. The product of strawberries alone was 28,479 gallons, while raspberries, blackberries, currants and gooseberries go to make up a total product of 60,022 gallons, having a home market value of \$18,324.09, and this with less than half a crop. Surely this showing in these three counties should be an incentive to Montana farmers in other localities where favorable conditions exist (and they do exist in many places) to make judicious and earnest effort to grow fruits. As an important matter in getting started under favorable conditions it would be wise to procure the stock from Montana nurseries, or at least obtain from successful Montana growers advice as to varieties, place of purchase, location of orchards, and methods of culture. The space at disposal here does not permit further mention of the many details that will be found of interest in the tables on succeeding pages.

It may be stated that the fruit growers of the counties named are intelligently promoting the culture and sale of these fruits by local exhibitions where the productions of their orchards and gardens are exhibited, attracting most favorable attention, and by conventions where experiences are given by practical and successful growers, and the best varieties and best methods of selecting, cultivating and marketing are discussed. These have already done much to promote the industry and will do more.

It has been deemed best in presenting these statistics for the first time to precede them with these general observations relating to fruit growing in the State, and they would be incomplete without the following from the pen of Hon. W. B. Harlan, of Como, one of the most active and intelligent of those who have labored to bring the industry to the prominence it has attained and who was worthily honored by his associates in 1892 by electing him First, as he is the present, President of the Western Montana Fruit Growers' Association.

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#### FRUIT GROWING IN MONTANA—CONTRIBUTED BY HON. W. B. HARLAN.

While fruit growing in Western Montana upon a scale large enough to attract general attention throughout the State, and to be of commercial importance, is an industry of only a few years, the first trees were planted and the first experiments were made nearly thirty years ago.

In 1867 or 1868 a number of trees were set out in the Bitter Root valley, and near Missoula by Thos. Harris, of Three Mile, W. N. Smith, of near the present town of Victor, Robert Gray, of Skalkahoe, Wm. McWhirk and James Miensinger, of Missoula, and perhaps others. These trees were brought from Washington Territory by Philip Ritz, but owing to their being of unsuitable varieties, or poor packing, or perhaps poor cultivation, all or nearly all soon died without having borne any fruit.

In 1870 Bass Bros., of near Stevensville, made the first intelligent and successful attempt at fruit growing. Their trees grew so well and began bearing so quickly and abundantly, that they were encouraged to set more and more trees as the years went by, and while others soon began successfully to grow orchards, they kept in the lead in the number of bearing trees and the quantity of fruit gathered each year: so, that while they were not the first to plant trees, they are entitled to the honor of being considered the pioneers in successful fruit growing in Montana.

But it is only within the last ten years that the planting of trees has become general in the Bitter Root and Missoula valleys, and it is hardly yet begun in the rest of the State, and only in the last three or four years has the successful and profitable growing of fruit in western Montana been generally admitted and proved. To-day scarcely a farm can be found in Ravalli county that has not from a few dozen to several thousand fruit trees, a large proportion just coming into bearing. The same may be said of portions of Missoula county, while in Flathead county many favorable locations and fine young orchards are found.

Trees come into bearing very early here and are very productive, too much so in fact for their own good. The fruit is of the highest quality and of fine appearance and is free from worms, scab or other blemishes. The hardy varieties are, and should be generally planted, yet many of the kinds called tender have been set out and are in bearing. Two or three winters in the past twenty-five have been severe enough to seriously injure all but the hardiest varieties but such destructive winters have occurred oftener in the eastern fruit growing states than here.

As to varieties, there are now being grown in Ravalli and Missoula counties, as shown by the exhibits at the fruit fairs over 100 kinds of apples, 50 of plums and prunes and a dozen each of pears, cherries and grapes. A large portion of these should be and will be dropped from the list of those grown for market.

For fall and early winter we need nothing better than the Duchess, Wealthy, Alexander and Snow: and for late winter and spring we are not yet agreed as to the best varieties, but among the large number now being experimented with we shall undoubtedly soon find just what we want.

Until the season just past we packed apples in a box containing a struck bushel of 2150 inches, but we have now adopted the heaping bushel box of 2375 inches, called "the standard box". The crop of 1895 was shortened in quantity by a late spring frost, and by local hail storms and the exceptionally dry season, and was not up to the usual standard of quality because of peculiar climatic conditions not fully understood. The prices also ruled much lower than ever before because of the unusually large crop all over the United States.

In 1892 the Western Montana Fruit Growers' Association was organized and did good work in securing a creditable exhibit of Montana fruits at the World's Fair at Chicago the next year. In September, 1894, it held the first Fruit Fair in Montana at Stevensville, which was such a success and surprise that it has caused almost a boom in fruit lands and fruit culture, and led to the holding of three successful fruit fairs the past season, one at Hamilton by the Fruit Growers' Association, which was visited by over 2,000 people each day for three days: one at Stevensville under the auspices of the newly organized State Horticultural Society of that place and one in Missoula at the instance of the Board of Trade.

These Fruit Fairs have been and will be of much good in advertising the resources of the State, and in encouraging the fruit growers themselves to greater effort to produce only the best, and in showing them what the standard of excellence really is. There is room for improvement all along the line. From the care, cultivation and irrigation of the orchard, to the picking, sorting, packing and storing of the fruit as well as in the marketing of it to the best advantage.

All this will come with experience and acquired knowledge, and we can safely rest in assurance that the future has nothing but prosperity in store for the intelligent, industrious fruit grower of western Montana.

TABLE NO. 11—SHOWING NUMBER OF THE SEVERAL VARIETIES OF FRUIT TREES  
RAVALLI, MISSOULA AND FLATHEAD, FOR THE YEAR 1895, AS REPORTED BY

(1. The "Tracing Number" in this and following table refer to the same individual reports, nearly all growers if found desirable, but so many neglected to sign the authorization that all are omitted. 3. Where

Tracing Number...	RAVALLI COUNTY (P. O. Address.)	STANDARD APPLES.				CRAB APPLES.				CHERRIES.			
		Trees, bearing age, 1885,.....	Yield in Bush-els.....	Home value of Crop, market rates.....	Young trees, not yet bear- ing, 1885,.....	Trees, bearing age, 1885,.....	Yield in bush-els.....	Home value of Crop, market rate.....	Young trees, not yet bear- ing, 1885,.....	Trees, bearing age, 1885,.....	Yield in bush-els.....	Home value of Crop, market rates.....	Young trees, not yet bear- ing, 1885,.....
1	Hamilton.....	No. 4,500	Bus. 1,586	Dols. 1,586 00	No. 3,570	No. 100	Bus. 400	Dols. 260 00	No. 480	No. 15	Bus. 10	Dols. 12 00	No. 185
2	"	100	200	200 00	250	1	3	1 50	6	3	3	4 50	
3	"	100	50	50 00	600	50	20	20 00	50	40	2	2 50	
4	"	80	10	12 00	920	12				6	5	6 20	26
5	"	150	300	250 00	100					4	4	10 00	20
6	"				300	13			12				75
7	"	100	150	125 00	300	5	15	15 00	20	11	10	20 00	
8	"	100	200	200 00	1,500	25	50	50 00	50				
9	"	600	400	300 00	650	65	60	45 00		2	17	54 40	25
10	"	300	60	75 00	150	20				20			
11	"	5	75	75 00	250	5	10	5 00		4	1	2 00	12
12	"	15			300	7				14			
13	"	40	50	50 00	300					10	1		30
14	"	1,340	340	340 00	200	140	33	33 00		474	150	165 00	
15	Victor.....	100	100	100 00	1,500	50	20	20 00	75	20	15	30 00	
16	"	35	20	20 00	160				15				5
17	"				500				100	4			
18	"	(b) 3,300	2,400	1,400 00		10	15	15 00		40	40	102 00	
19	"	25	40	30 00	100				20	5	5	8 00	5
20	"				900								
21	"	50	40	30 00	175				7	4	2	4 00	
22	"	50	25	25 00	50	50	20	15 00		40	2	6 40	2
23	"	300	50	35 00	2,500	50	60	42 00		60	10	25 00	
24	"	100	50	35 00	125	33	10	5 00	30	4			3
25	"	25			400	35			100	2			10
26	"	100	100	100 00	400	35				25	12	20 00	
27	"				25				20				
28	"	100			40	6							
29	"	500	200	200 00	150	75	20	20 00		7	2	4 60	
30	"	20	40	40 00	50	5	3	2 00	10	4	2	4 00	10
31	"				50	5	20	20 00					5
32	"				1,000								
33	"				10					2			
34	"	200	100	50 00	50	20			10				
35	Florence.....	75	n. r.	n. r.	200	2	n. r.	n. r.	6	3	n. r.	n. r.	
36	"	50	4	4 00	450	10	1/2	50					7
37	"	350	75	75 00	200					6			5
38	"	50	50	50 00	75	6	3	3 00					
39	"				100				25				
40	"	50				20							
41	"	200		150 00	150					6			
42	"				200				40				6
43	"				260				40				50
44	Grantsdale.....	50	30	30 00	250	11	11	11 00	32	10	5	15 00	10
45	"	300	700	700 00	150	25	250	125 00		10	10	25 00	
46	"	10	15	18 00	20					2	2	6 00	
47	"	50	25	25 00	150	15	10	5 00		6			
48	"	300	100	75 00	600	30	50	25 00		10	2	4 00	
49	"	500	125	125 00	500	25	20	15 00	15	70	20	50 00	30
50	Corvallis.....				750				10				10
51	"	1,100	500	350 00	1,800	100	65	48 75		4	1	2 50	125
52	"	75	150	100 00		30	60	40 00		4	2	10 00	
53	"				125	10	3	2 00		3	1	2 00	10
54	"				300								
55	"	75	75	37 50	50	12	50	20 00		2	2	6 40	12
56	"	26	175	200 00	70	10	65	60 00		12	11	36 00	10
57	"	30	15	15 00	4,000	10	5	3 00	25	10			50
58	"				60								
59	"	75	75	60 00		50	25	18 00					
60	"	101	252	243 00	350	18	42	32 00	52	7	3 1/2	11 20	75
61	"	9	36	67 50	43	2	3	3 75		2			
62	"				100								6
63	"	75	10	12 00	50	25	15	10 00	25				10
64	"	400	400	400 00	200	8	16	12 00		6	2	3 00	
65	"	200	300	240 00	2,800	35	30	20 00	35	6			7
66	"	50	50	20 00	650	20	10	4 00					10
67	Woodside.....	500	500	300 00	1,000	10	10	9 00		1	1	3 00	22
68	"	20	8	5 00	80	30	5	4 00	20	12			
69	"	210	15	15 00		10	10	10 00		20	5	15 00	
70	"	20	7	7 00	175	10	2 1/2	2 30					
71	"	1,400	600	450 00		20	20	15 00		8		16 00	
72	Stevensville.....	2,100	4,000	3,000 00	3,500	325	660	4 50		25	2	32 00	
73	"				10								5
74	"	100	100	100 00	40	15	20	15 00					

BEARING AND YOUNG, WITH PRODUCT AND MARKET VALUES, IN THE COUNTIES OF  
THOSE HAVING 25 OR MORE TREES PLANTED OR 20 OR MORE BUSHEL OF FRUIT.

raising small as well as Tree fruits. 2. Growers were asked to state on the reports if their names might be used those reporting did not insert value of Crop it was estimated at the prevailing rate in that locality.)

Tracing Number.	PLUMS AND PRUNES.			PEARS.			PEACHES.			GRAPES.		TOTAL.
	Trees, bearing age, 1865.	Yield in bush-els.	Home value of Crop, market rates.	Trees, bearing age, 1865.	Yield in bush-els.	Home value of Crop, market rates.	Trees, bearing age, 1865.	Yield in bush-els.	Home value of Crop, market rates.	Number of Vines.	Pounds of Grapes.	
1	No. 40	Bus. 55	Dols. 44 00	No. 37	Bus. 5	Dols. 5 00	No. 140	No. 25	lbs. 300	Dols. 1,907 00		
2	3	4	50	3						1,907 00		
3	10	5	5 00	11						77 50		
4	16	6	7 00	10						18 25		
5				50						277 00		
6	3	2	5 00	65						165 00		
7	10	10	25 00	50						275 00		
8	50			65						444 40		
9	3	2	4 00	12	1					75 00		
10	1			20						86 00		
11	2			30						50 00		
12	10	1	93 00	170						671 00		
13	600	50	100 00	109	2	2 50				252 50		
14	50			35						20 00		
15				10						1,547 00		
16	15	13	20 00	15	5	10 00				53 00		
17	10	10	15 0	4						30 00		
18				100						54 40		
19	100	4	8 00	250						106 00		
20	35	2	4 00	10	5					40 00		
21	25			10						150 00		
22	125	10	30 00	25						253 60		
23				50	11					54 00		
24	25	5	9 00							30 00		
25	30	6	8 00							50 00		
26	31	5	10 00	15						5 00		
27										75 00		
28	15	n. r.	n. r.	2	n. r.	n. r.				53 00		
29	8	½	50	2						150 00		
30										50 00		
31	12									5 00		
32										75 00		
33										53 00		
34	24			50						150 00		
35				100						85 75		
36	20	6	15 00	175						2,202 00		
37	300	600	1,200 00	15	30	120 00				30 00		
38		2	6 00							35 00		
39	10	1	2 00	5						111 00		
40	25	1	4 80	75	3	1 00				195 80		
41				20						401 25		
42	4	5	10 00	50	2	8 00				168 00		
43										4 00		
44				10						69 30		
45	4	5	5 40	9						371 00		
46	11	50	75 00	10						18 00		
47				100								
48	3	3	6 00	28	2	1 00	81	2	6	84 00		
49	6	3	6 00		½					293 20		
50				6			6			71 25		
51				15						12 00		
52				2						415 00		
53	2			2			18			260 00		
54				10			10			34 00		
55	300	100	50 00	2			2			362 00		
56	12									9 00		
57	20	5	10 00	20						35 00		
58	6									9 30		
59										499 00		
60	12	12	18 00	100	20	20 00				3,812 50		
61	150	200	300 00									
62				20			10			127 00		
63	6	6	12 00	3								

TABLE NO. 11

Tracing Number	RAVALLI COUNTY (P. O. Address)	STANDARD APPLES.				CRAB APPLES.				CHERRIES.			
		Trees, bearing age, 1885.	Yield in bush-els.	Home value of Crop, market rates.	Young trees, not yet bear- ing, 1885.	Trees, bearing age, 1885.	Yield in bush-els.	Home value of Crop, market rates.	Young trees, not yet bear- ing, 1885.	Trees, bearing age, 1885.	Yield in bush-els.	Home value of Crop, market rates.	Young trees, not yet bear- ing, 1885.
		No.	Bus.	Dols.	No.	No.	Bus.	Dols.	No.	No.	Bus.	Dols.	No.
75	Stevensville .....	36	10	21 00	15	40	35	31 50	65	10	4	15 00	...
76	" .....	500	500	350 00	400	65	100	75 00	...	...	...	...	...
77	" .....	17	20	20 00	51	10	20	15 00	4	3	...	...	...
78	" .....	15	15	15 00	60	...	...	...	...	...	...	...	...
79	" .....	100	400	350 00	...	20	100	75 00	...	...	...	...	...
80	" .....	25	25	33 75	150	...	...	...	...	...	...	...	...
81	" .....	25	20	17 00	25	6	25	20 00	...	6	1	14 00	...
82	" .....	50	50	35 00	...	2	5	2 50	...	5	1	2 00	...
83	" .....	50	250	175 00	...	...	...	...	...	...	...	...	...
84	" .....	35	30	26 00	85	10	15	15 00	...	4	3	3 00	...
85	" .....	500	300	150 00	20	50	130	100 00	...	15	...	7 00	...
86	" .....	10	10	5 00	250	...	...	...	...	...	...	...	...
87	" .....	25	100	100 00	25	4	25	20 00	...	2	1	3 00	2
88	" .....	200	22	33 00	100	4	...	...	3	6	...	...	5
89	" .....	8	6	6 00	50	4	...	...	3	...	...	...	...
90	" .....	50	...	...	...	30	...	130 00	20	2	1	4 00	7
91	" .....	400	850	600 00	150	50	150	130 00	15	15	8	25 00	...
92	" .....	100	36	58 00	25	15	2	4 00	...	...	...	...	2
93	" .....	35	20	25 00	500	4	9	4 00	...	...	...	...	6
94	" .....	50	20	20 00	100	6	4	4 00	12	8	2	6 00	6
95	" .....	...	...	...	200	...	...	...	12	...	...	...	...
96	" .....	100	125	125 00	125	10	30	22 50	15	...	...	...	...
97	" .....	30	25	35 00	160	3	11½	1 50	2	4	1	6 00	14
98	" .....	5	10	10 00	10	...	...	...	15	...	...	...	...
99	" .....	100	25	37 50	50	15	4	3 00	7	9	½	3 00	4
100	" .....	16	10	10 00	895	5	8	8 00	...	3	1	3 00	52
101	" .....	...	...	...	103	...	...	...	...	...	...	...	...
102	" .....	25	10	10 00	150	...	...	...	...	...	...	...	12
103	" .....	100	4	2 40	370	1	...	...	5	16	...	...	...
104	" .....	500	80	80 00	800	50	30	30 00	...	6	3	18 00	...
105	Darby .....	45	15	12 00	125	14	...	...	...	...	...	...	...
106	" .....	25	25	35 00	240	1	4	2 50	...	...	...	...	...
107	" .....	400	375	337 50	3,500	3	9	9 00	10	...	...	...	...
108	" .....	...	...	...	75	...	...	...	...	...	...	...	...
109	" .....	10	5	5 00	200	6	...	...	2	10	...	...	2
110	Como .....	1,300	2,250	2,000 00	2,000	50	150	100 00	...	50	25	100 00	50
Total reported.		25,673	20,771	16,951 15	73,142	2,077	3,016	1,758 80	1,517	1,345	434	926 70	1,040
Add 5 per cent. ...		1,284	1,039	847 56	3,657	104	151	87 94	76	62	22	46 34	52
Total for County		26,957	21,810	17,798 71	76,799	2,181	3,167	1,846 74	1,593	1,407	456	973 04	1,094

MISSOULA

111	Missoula .....	27	60	60 00	1,100	2	5	3 75	12	7	21	42 00	...
112	" .....	100	50	100 00	...	16	20	72 00	...	5	5	30 00	...
113	" .....	1,000	1,000	1,000 00	1,300	24	75	50 00	...	12	5	10 00	...
114	" .....	...	6	6 00	2,500	...	4	4 00	190	...	3	6 00	190
115	" .....	10	4	4 00	30	2	...	...	...	2	...	...	2
116	" .....	27	7	7 00	20	2	3	3 00	...	...	...	...	...
117	" .....	200	300	300 00	150	15	2	2 00	3	21	35	70 00	6
118	" .....	110	340	272 00	400	14	55	50 00	30	4	½	2 00	2
119	" .....	50	60	70 00	1,750	8	...	...	75	15	...	...	25
120	" .....	50	150	150 00	10	10	50	25 00	...	5	...	...	...
121	" .....	...	...	...	2,162	...	...	...	100	...	...	...	30
122	" .....	20	7	7 00	500	...	...	...	...	2	...	...	35
123	" .....	14	5	5 00	75	2	½	50	...	5	½	50	1
124	" .....	...	...	...	745	...	...	...	35	...	...	...	20
125	" .....	...	...	...	700	...	...	...	...	...	...	...	3
126	" .....	150	100	150 00	20	3	...	2 00	...	6	2	4 00	...
127	" .....	85	30	45 00	...	1	...	...	...	2	...	...	40
128	" .....	25	21	26 25	250	8	5	5 00	...	12	1	2 80	25
129	" .....	6	5	7 50	500	...	...	...	20	...	...	...	6
130	" .....	25	...	...	75	6	...	...	4	3	...	...	12
131	" .....	...	...	...	70	...	...	...	...	...	...	...	...
132	" .....	...	880	880 00	...	...	250	270 00	...	...	...	...	...
133	" .....	500	200	300 00	300	5	25	50 00	...	15	30	75 00	6
134	" .....	200	20	100 00	300	20	...	3 00	...	15	...	...	...
135	" .....	25	15	22 50	75	8	...	1 50	12	6	1½	3 50	13
136	" .....	30	12	12 00	...	10	...	...	...	...	...	...	...
137	" .....	200	100	300 00	2,500	30	5	15 00	...	5	1	4 00	10
138	" .....	...	...	...	25	...	...	...	10	...	...	...	...
139	" .....	...	...	...	500	...	...	...	...	...	...	...	20
140	" .....	275	320	320 00	20	6	15	15 00	...	10	12	24 00	...
141	" .....	20	25	20 00	60	10	30	30 00	...	8	2	6 00	...



—CONTINUED.

Tracing Number ...	PLUMS AND PRUNES.				PEARS.				PEACHES.				GRAPES.		TOTAL.
	Young trees, bearing age, 1895, ....	Yield in bush-els.....	Home value of Crop, market rates.....	Young trees, not yet bear- ing, 1895,.....	Young trees, bearing age, 1895,.....	Yield in bush-els.....	Home value of Crop, market rates.....	Young trees, not yet bear- ing, 1895,.....	Young trees, bearing age, 1895,.....	Yield in bush-els.....	Home value of Crop, market rates.....	Young trees, not yet bear- ing, 1895,.....	Number of Vines.....	Pounds of Grapes.....	Home value of Crops at pre- vailing mar- ket rates.....
	No.	Bus.	Dols.	No.	No.	Bus.	Dols.	No.	No.	Bus.	Dols.	No.	No.	lbs.	Dols.
75	10	50	25 00	10	1								20	100	52 50
76					2			2							485 00
77	3	3	4 50	3	1	1	2 00								20 00
78	5	6	10 00		2	16	40 00								36 50
79	1	1½	2 25												475 00
80	6	3	7 50	6				6							36 00
81	6		1 80												58 50
82															41 30
83															175 00
84	4	3	1 50												45 50
85	15	7	10 00		8	6	12 00								279 00
86	20	10	10 00												15 00
87	4	5	20 00	3											143 00
88	3			10				10					2		33 00
89	3	7	10 00	6											16 00
90	20			15	1										4 00
91	14	5	10 00					10							765 00
92				12											62 00
93								12				15	1		29 00
94	4	4	6 00	15	2	1	2 00		10			6	3	10	39 00
95				12											
96															147 50
97	16	2	4 00	4				7				13	16		46 50
98				10											10 00
99	8	2	3 00	5											46 00
100	8	1½	1 00	50	1			40							22 00
101				12											10 00
102				102											2 40
103	3							100							143 00
104	6	10	15 00		7										12 00
105															37 50
106															438 50
107	15	45	98 00	25											
108															5 00
109	10												30	25	2,355 00
110	50	100	150 00	200	20	2	5 00	30					30	25	
....	2,442	2,542	2,501 75	2,909	283	108	266 00	13,948	64	9	22 50	332	2,798	3,240	22,970 20
....	122	127	125 09	145	14	5	13 30	687	3	.....	1 13	17	140	112	1,148 51
....	2,564	2,669	2,626 83	3,054	297	113	279 30	14,635	67	9	23 63	349	2,938	3,352	24,118 71

## COUNTY.

111	7	28	56 00	2	2	2	4 00	.....	.....	.....	.....	2	.....	.....	165 75
112	6	18	40 00	.....	2	1	2 00	.....	.....	.....	.....	.....	.....	.....	244 00
113	12	12	24 00	.....	2	1	2 00	10	1	.....	.....	5	18	50	1,086 00
114	.....	.....	.....	190	.....	.....	.....	100	.....	.....	.....	.....	.....	.....	16 00
115	2	.....	.....	2	2	.....	.....	2	.....	.....	.....	.....	.....	.....	4 00
116	10	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	10 00
117	21	.....	.....	6	10	5	10 00	11	2	.....	.....	.....	12	.....	382 00
118	7	2	2 00	5	.....	.....	.....	.....	.....	.....	.....	11	90	.....	326 00
119	10	.....	.....	175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70 00
120	12	15	30 00	.....	2	3	4 50	.....	.....	.....	.....	.....	.....	.....	209 50
121	.....	.....	.....	20	.....	.....	.....	20	.....	.....	.....	.....	.....	.....	.....
122	.....	.....	.....	24	.....	.....	.....	18	.....	.....	.....	.....	.....	12	7 00
123	5	½	1 00	7	2	.....	.....	7	.....	.....	.....	14	.....	.....	7 00
124	.....	.....	.....	150	.....	.....	.....	50	.....	.....	.....	12	.....	.....	.....
125	.....	.....	.....	24	.....	.....	.....	20	.....	.....	.....	.....	.....	.....	.....
126	8	4	8 80	40	4	2	3 00	3	.....	.....	.....	.....	.....	.....	167 80
127	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47 00
128	.....	.....	.....	75	.....	.....	.....	25	.....	.....	.....	.....	12	.....	34 05
129	4	1	2 00	50	.....	.....	.....	15	.....	.....	.....	.....	.....	.....	9 50
130	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
131	.....	.....	.....	2	.....	.....	.....	2	.....	.....	.....	2	6	.....	.....
132	12	24	48 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,198 00
133	30	30	125 00	5	5	10	25 00	.....	3	5	15 00	.....	.....	.....	590 00
134	20	.....	.....	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	103 00
135	.....	.....	.....	20	.....	.....	.....	15	.....	.....	.....	6	.....	.....	27 50
136	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12 00
137	.....	.....	.....	200	.....	.....	.....	28	.....	.....	.....	.....	.....	.....	319 00
138	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
139	.....	.....	.....	30	.....	.....	.....	20	.....	.....	.....	.....	.....	.....	.....
140	30	2	4 00	.....	5	2	4 00	.....	.....	.....	.....	.....	.....	.....	367 00
141	20	10	18 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64 00

TABLE NO. 11  
MISSOULA COUNTY

Tracing Number...	Missoula Co. (P. O. Address.)	STANDARD APPLES.				CRAB APPLES.				CHERRIES.			
		Trees, bearing age, 1895,....	Yield in bush-els.....	Home value of Crop, market rates.....	Young trees, not yet bearing, 1895,....	Trees, bearing age, 1895,....	Yield in bush-els.....	Home value of Crop, market rates.....	Young trees, not yet bearing, 1895,....	Trees, bearing age, 1895,....	Yield in bush-els.....	Home value of Crop, market rates.....	Young trees, not yet bearing, 1895,....
142	Missoula .....	No. 6	Bus. 1½	Dols. 50	No. 300	No. 10	Bus. 1½	Dols. 50	No. 20	No. 40	Bus. 1	Dols. 1 00	No. 10
143	" .....	75	100	50 00	12	16	10	15 00	12	4	1	5 00	1 00
144	" .....	108	200	280 00	780	14	84	62 00	12	2	1	1 00	14
145	Lo Le .....	100	75	100 00	3,000	10	2	5 00	10	4	1	10 00	10
146	" .....	280	350	450 00	620	18	75	90 00	1	12	10	30 00	10
147	" .....	100	25	25 00	1,300	6	10	6 00	6	4	1	7 20	3
148	" .....	100	150	150 00	700	6	10	6 00	6	2	12	5 00	40
149	" .....	50	40	75 00	75	3	12	12 00	6	5	2	3 60	6
150	" .....	36	100	125 00	325	15	15	15 00	15	6	10	4 00	35
151	" .....	30	20	25 00	100	10	20	20 00	10	2	1	2 00	50
152	Plains .....	5	5	5 00	50	12	5	10 00	5	100	100	100 00	50
153	" .....	50	50	50 00	300	12	5	10 00	5	4	14	1 00	50
154	" .....	50	30	30 00	50	4	2	3 00	4	50	60	100 00	50
155	" .....	12	10	10 00	504	50	50	25 00	10	12	10	15 00	12
156	Carleton .....	200	600	600 00	3,000	10	5	8 00	15	4	3	6 00	40
157	" .....	100	75	90 00	1,000	20	50	25 00	10	20	10	15 00	12
158	Ravalli .....	400	100	500 00	800	10	5	8 00	15	4	3	6 00	40
159	Holt .....	12	5	7 50	500	50	10	7 00	20	5	15	15 00	100
160	Frenchtown .....	300	150	100 00	700	1,700	1,700	1,700	100	100	100	100	100
161	Florence .....	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
162	Thompson .....	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
163	Missoula .....	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
164	Total reported.	5,603	6,108	6,743 25	35,933	729	861	863 25	762	464	220	500 60	969
165	Add 5 per cent ..	281	350	337 16	1,800	36	43	43 16	38	23	11	25 01	48
166	Total for County	5,883	6,458	7,080 41	37,733	765	904	906 41	800	487	231	525 61	1,017

## FLATHEAD

167	Kalispell .....	6	.....	.....	9	.....	4	6 00	.....	.....	.....	.....	.....
168	" .....	.....	.....	.....	65	.....	.....	.....	4	.....	.....	.....	6
169	" .....	.....	.....	.....	40	.....	.....	.....	.....	.....	.....	.....	10
170	" .....	.....	.....	.....	250	12	.....	.....	12	24	.....	.....	5
171	" .....	50	.....	.....	115	7	.....	.....	.....	.....	.....	.....	30
172	" .....	.....	.....	.....	300	.....	.....	.....	24	.....	.....	.....	65
173	" .....	.....	.....	.....	70	6	.....	.....	12	12	2	10 00	3
174	" .....	19	.....	.....	24	1	1	1 00	.....	2	1	4 00	24
175	Holt .....	8	2	8 00	50	.....	.....	.....	12	12	2	10 00	1
176	" .....	250	50	75 00	475	.....	.....	.....	20	.....	.....	.....	25
177	" .....	.....	.....	.....	300	10	1	1 00	.....	12	12	10 00	12
178	" .....	19	2½	2 50	80	4	4	10 00	8	6	12	10 00	12
179	" .....	40	12	30 00	19	8	4	12 00	.....	6	3	27 00	10
180	" .....	62	25	60 00	200	.....	.....	.....	.....	.....	.....	.....	13
181	Columbia Falls ..	1	.....	.....	42	.....	.....	.....	14	.....	.....	.....	30
182	" .....	.....	.....	.....	50	.....	.....	.....	10	.....	.....	.....	246
183	" .....	6	.....	.....	60	.....	.....	.....	10	.....	.....	.....	12
184	Demersville .....	.....	.....	.....	60	.....	.....	.....	10	.....	.....	.....	12
185	Creston .....	15	6	12 00	118	.....	.....	.....	22	.....	.....	.....	10
186	Tobacco Plains ..	.....	.....	.....	300	.....	.....	.....	50	.....	.....	.....	13
187	Total reported.	476	117	187 50	2,627	48	13	30 00	186	74	8	51 50	246
188	Add 5 per cent ..	24	6	9 37	131	2	1	1 50	9	4	.....	2 57	12
189	Flathead County	500	123	196 87	3,758	50	14	31 50	195	78	8	53 07	258
190	Missoula County	5,883	6,458	7,080 41	37,793	765	904	906 41	800	487	231	525 61	1,017
191	Ravalli County ..	26,957	21,810	17,798 71	76,799	2,181	3,167	1,846 74	1,593	1,307	456	973 04	1,094
192	Grand Total...	33,340	28,391	25,075 99	118,350	2,996	4,085	2,784 65	2,588	1,872	695	1,551 72	2,369

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—CONTINUED.

Tracing Number...	PLUMS AND PRUNES.				PEARS.				PEACHES.				GRAPES.		TOTAL.
	Trees, bearing age, 1895,....	Yield in bush-els.....	Home value of Crop, market rates.....	Young trees, not yet bearing, 1895,....	Trees, bearing age, 1895,....	Yield in bush-els.....	Home value of Crop, market rates.....	Young trees, not yet bearing, 1895,....	Trees, bearing age 1895,....	Yield in bush-els.....	Home value of Crop, market rates.....	Young trees, not yet bearing, 1895,....	Number of Vines.....	Pounds of Grapes.....	
143	No.	Bus.	Dols.	No.	No.	Bus.	Dols.	No.	No.	Bus.	Dols.	No.	No.	lbs.	Dols.
143	5	5	3 00	24				12							2 00
144				60				2							73 00
145	100	2	5 00	700	5	2	5 00		1			4	3		343 00
146	6	3	5 00	40		1½	1 50	6							125 00
147	3			7	2										576 50
148	40	10	10 00	109				12							25 00
149	5	2	3 00												173 20
150	2	1	1 50	6	1	1	2 00	3					12		89 00
151				25											144 10
152	8			25				25							29 00
153				1											7 00
154				50	25										116 00
155	100	20	40 00												50 00
156	10	5	10 00					5							
157				5				5							17 00
158	4	1	3 00												700 00
159				60											155 00
160	15	12	25 00	25				12							545 00
161	20	20	30 00	10				5				3	6		21 50
162				50											
163				25	10	2	4 00	50							176 00
164	50	20	50 00	300				100							
165				100											
166															
166½															
....	575	247	544 30	2,639	97	31	67 00	583	7	5	15 00	20	108	152	8,733 40
....	29	12	27 21	132	5	2	3 35	29			75	1	5	8	436 67
....	604	259	571 51	2,771	102	33	70 35	612	7	5	15 75	21	113	160	9,170 07

## COUNTY.

167															6 00
168				6											
169				5				2				5	15		
170								5					2		
171								6					12		
172				40											
173					2										
174	3				1										
175	5	2	8 00	30											21 00
176	10	10	30 00	10	4	1	3 00	10				4			118 00
177				18				6				20	100		
178	6	2	4 00	30	3			9	1			2	92	30	8 00
179	4	4	8 00	12											58 00
180	4	3	14 40	2	1			5							113 40
181				25											
182				13				7							
183				25				6					24		
184															
185															
186				6				2				1	2		12 00
187				30				20				5			
....	32	21	64 40		11	1	3 00	83	1			37	247	30	336 40
....	2	1	3 22	13			15	4				2	12	2	16 82
....	34	22	67 62	265	11	1	3 15	87	1			39	259	32	353 22
....	604	259	571 51	2,771	102	33	70 35	612	7	5	15 75	21	113	160	9,170 07
....	2,564	2,669	2,636 83	3,054	297	113	279 30	14,635	67	9	23 63	349	2,938	2,352	24,118 71
....	3,202	2,950	3,265 96	6,090	410	147	352 80	15,334	75	14	39 38	409	3,310	2,544	33,642 00

**TABLE NO. 12—SHOWING PRODUCT AND VALUE OF CERTAIN SMALL  
AND FLATHEAD**

(The "Tracing Numbers" in this and preceeding table refer to the same individual reports, many growers  
planted, to estimate what would

Tracing Number...	RAVALLI COUNTY. (Post Office.)	STRAWBERRIES.			RASPBERRIES.			BLACKBERRIES.		
		Total yield in gallons, 1895.	Home value of Crop .....	Estimated (a) yield per acre .....	Total yield in gallons, 1895.	Home value of Crop .....	Estimated (a) yield per acre .....	Total yield in gallons, 1895.	Home value of Crop .....	Estimated (a) yield per acre .....
1	Hamilton.....	Gals. 4,375	Dols. 875 00	Gals. 2,500	Gals. 250	Dols. 100 00	Gals. 1,000	Gals.	Dols.	Gals.
3	".....				10	5 00				
4	".....	15	6 00		50	25 00				
5	".....	100	25 00	1,200	50	15 00	800			
6	".....				200	100 00		100	50 00	
8	".....				10	5 00		20	10 00	
9	".....				60	24 00		40	16 00	
10	".....	2,000	800 00	1,000	500	200 00		100	50 00	
11	".....	75	30 00	500						
13	".....	300	120 00	600	1,000	400 00	500	100	40 00	400
14	".....	50	20 00							
15	Victor.....	400	80 00	250	300	16 00	1,000	10	4 00	500
16	".....	40	16 00	240						
19	".....	25	12 50							
21	".....	50	15 00	600	15	7 50	400			
23	".....	900	250 00					5	2 50	
24	".....	30	12 00		30	12 00				
25	".....				75	37 50	600			
26	".....									
29	".....	80	24 00		20	8 00		20	8 00	
30	".....	150	37 50	700	100	25 00	500	100	30 00	500
37	Florence.....				50	20 00		25	7 50	
38	".....	100	25 00		50	20 00		20	8 00	
41	".....	300	150 00							
42	".....	500	250 00		600	140 00				
43	".....	1,000	400 00	333						
44	Grantsdale.....				50	20 00	800	15	6 00	800
45	".....	100	40 00		100	25 00		75	18 75	
46	".....	30	15 00	500						
47	".....	25	15 00		10	7 00				
48	".....				10	2 50	1,000	100	25 00	800
49	".....	400	120 00	640	200	60 00	600	100	40 00	500
55	Corvallis.....	100	40 00	600	90	36 00	1,080	5	2 50	
56	".....				75	40 00				
57	".....				20	10 00				
60	".....	100	40 00		190	76 00	800	4	2 00	
61	".....	15	11 25							
63	".....				40	20 00				
67	Woodside.....	100	40 00		100	50 00				
68	".....	25	10 00							
69	".....	40	12 00							
70	".....	20	10 00					12	6 00	
72	Stevensville.....	1,200	600 00	200	50	25 00		200	250 00	500
73	".....	75	30 00							
74	".....									
75	".....				50	20 00	200	7	1 75	175
76	".....									
77	".....	3	1 20							
79	".....				25	6 00	500			
79	".....				150	60 00	600			
81	".....									
84	".....	1	30							
85	".....	120	60 00		60	30 00				
87	".....									
88	".....	40	20 00							
89	".....	125	48 75	2,000	10	5 00	1,500			
90	".....				50	10 00				
92	".....				35	7 00				
93	".....	10	5 00	500				12	3 00	400
94	".....	40	20 00	1,280	30	15 00		12	25	
97	".....	10	6 00	400						
99	".....				30	12 00				
100	".....	50	10 00		50	10 00		40	10 00	
101	".....									
102	".....	20	5 00		20	5 00		10	2 50	
103	".....	12	6 00		100	20 00				
105	Darby.....				75	45 00		20	10 00	
106	".....	10	4 00		6	2 40		4	1 60	
107	".....							300	120 00	600

FRUITS GROWN IN QUANTITY FOR MARKET IN RAVALLI, MISSOULA  
COUNTIES IN 1895.

raising both tree fruits and small fruits. (a) Growers were asked, judging from the yield of the ground be the yield per acre in gallons.

Tracing Number...	CURRANTS.			GOOSEBERRIES.			TOTAL.
	Total yield in gallons, 1885.	Home value of crop.....	Estimated (a) yield per acre	Total yield in gallons, 1885.	Home value of crop.....	Estimated (a) yield per acre	Home value of crop at pre- vailing mar- ket rates.....
1	Gals. 400	Dols. 80 00	Gals. 1,600	Gals. 250	Dols. 50 00	Gals. 2,000	Dols. 1,105 00
3	20	4 00		20	4 00		13 00
4	10	2 50		40	8 00		41 50
5	100	10 00	1,500	100	10 00	2,000	60 00
6	50	25 00		50	7 50		182 50
7				40	10 00		25 00
8	300	40 00	2,000				40 00
9							40 00
10	200	50 00		300	50 00		1,150 00
11	50	10 00	1,000	50	10 00	1,000	50 00
13	50	10 00		100	20 00		590 00
14	60	12 00		100	20 00		52 00
15	1,000	80 00	2,000	300	30 00	1,500	210 00
16							16 00
19	75	15 00		75	15 00		42 50
21							22 50
22	40	10 00		30	4 50		267 00
24	10	2 00		2	4 00		30 00
25	50	12 50	1,500	25	7 50	1,200	57 50
26	50	12 50		100	20 00		32 50
29	40	8 00		60	12 00		60 00
30	750	100 00	1,000	500	75 00	1,000	267 50
37	40	8 00		20	4 00		39 50
38	50	12 50		20	4 00		69 50
41							150 00
42	300	75 00		200	40 00		505 00
43							400 00
44	250	37 50		100	12 50		76 00
45	1,500	150 00		1,000	100 00		333 75
46	20	5 00	300	10	2 00		22 00
47	10	3 00		50	12 00		37 00
48	100	10 00	800	75	15 00		52 50
49	75	10 25	600	30	4 50	500	234 75
55	150	15 00		125	25 00		118 50
56	25	5 00		50	10 00		55 00
57	100	10 00		100	20 00		40 00
60	50	12 00		24	6 00		136 00
61	50	12 00		20	4 00		27 25
63	12	3 60		25	5 00		28 60
67	100	10 00		200	40 00		140 00
68	10	3 00	400	15	4 50		17 50
69	100	20 00		200	30 00		62 00
70	10	2 50		300	60 00	600	78 50
72	150	45 00	400	200	40 00	400	960 00
73	10	2 50		40	8 00		40 50
74	7	1 75	180	8	1 60	180	8 35
75	65	13 00	325				34 75
77	40	10 00					11 20
78	50	12 50					12 50
79	30	5 00	600	10	1 50	125	12 50
80	160	40 00					100 00
81	7	1 75		6	1 20		2 95
84	10	75					1 05
85	50	8 00		60	8 00		106 00
87	50	10 00		75	15 00		25 00
88							20 00
89	75	10 00	1,800	40	6 00	1,600	69 75
90							10 00
92	100	20 00		25	5 00		32 00
93	25	6 00	600	20	2 00	300	16 00
94	50	5 00		50	10 00		50 25
97							6 00
99	25	9 60		100	25 00		46 60
100	50	5 00		5	1 00		36 00
101	150	30 00	1,240	10	2 00		32 00
102	25	6 00					18 50
103	4	1 00					27 00
105	200	60 00		100	25 00		140 00
106	50	10 00		50	5 00		23 00
107							120 00



Tracing Number....	CURRANTS.			GOOSEBERRIES.			TOTAL.
	Total yield in gallons, 1885.	Home value of crop.....	Estimated yield per acre	Total yield in gallons, 1885.	Home value of crop.....	Estimated yield per acre	Home value of crop at prevailing market rates.....
109	Gals. 50	Dols. 5 00	Gals. ....	Gals. 50	Dols. 5 00	Gals. ....	Dols. 47 40
110	100	25 00	.....	50	10 00	.....	115 00
	7,643	1,230 70	avg. 991	5,505	927 30	avg. 955	9,097 15
	372	61 54		275	46 37		454 86
	8,015	1,292 24	avg. 991	5,780	973 67	avg. 955	9,552 01

112	25	18 00		10	5 00		41 00
115	20	6 00					28 00
118	15	3 00	400	10	2 00	300	37 00
119							50 50
120	100	20 00		25	5 00		25 00
122		2 00		3	1 50		15 00
123		2 00					23 50
124	100	20 00		50	25 00		260 00
126	100	25 00	600	40	8 00	400	51 00
127	40	10 00		10	2 00		186 00
128							11 20
129	10	5 00		10	2 50		137 50
131	5	1 00		10	2 00		63 00
133	500	100 00		100	25 00		1,300 00
134	10	3 50		25	5 00		33 50
135	15	3 00					47 00
137	25	12 00		20	6 00		18 00
140	40	8 00		25	5 00	800	77 00
141	60	20 00		65	20 00		1,600 00
142	10	3 50	800	15	3 00		16 50
143	50	5 00		15	4 00		27 00
145				2	1 00		32 00
146	100	25 00		10	5 00	500	350 00
148	100	25 00		50	12 50		307 50
149	10	2 00		50	12 50		34 00
150	200	30 00		50	7 50		103 50
153							110 00
155	200	67 00					167 00
156	5	2 50		25	2 50		18 00
158	50	10 00	2,000	10	4 00	1,000	40 00
159	300	60 00	800				478 00
160	20	8 00	1,000				17 00
161	100	50 00		75	35 00		128 00
162	5	3 00		10	4 00	200	22 00
164	500	100 00		200	40 00		1,145 00
	2,720	641 50	avg. 800	915	245 00	avg. 533	6,936 70
	134	32 07		46	12 25		347 00
	2,854	673 57	avg. 800	961	257 25	avg. 533	7,383 70

[illegible]

## REMARKS ACCOMPANYING FRUIT REPORTS.

## RAVALLI COUNTY.

HAMILTON. No. 1, This was an off year for apples and cherries. 4, also raised some apricots; 6, fruit trees and bushes all young and not bearing yet: will bear next year; 9, all apple trees except 28 are young; pears as fine as produced in any country; large and prolific; 10, all young trees; grape vines not good success; 12, the orchards in this locality are young, just beginning to bear. Fruit will be the chief product here in the future; 13, only small percentage of my fruits in bearing this season; have 10 acres planted in small fruits; 14, winter and crab apples mostly killed by frost just as blooms were opening.

VICTOR. No. 15, The returns given you show a very short yield—not one-tenth of a crop. Causes: Late frosts and freezes in 1895—greater than for the past 26 years of my residence here; other localities have full crops; this (The Curlew) orchard bore 800 bushels in 1894 and 1600 bushels in 1895; 19, owing to late frosts have only one-fourth crop; 21, about one-third crop this year; 23, small crop this year; heavy last year; 24, about one-fifth crop; frost; 25, late frost ruined apple, plum and strawberry crops; 27 and 28, late frosts destroyed crop; 34, my orchard is only seven years old, and I think the highest elevation and closest to the mountains of any in the valley.

FLORENCE. No. 35, Frost this spring killed nearly all my fruit when in bloom. I have lived on my present farm over ten years and crop never was injured materially by frost before; 36, fruit crop almost entire failure owing to late frost in spring; 37 and 38, all young trees; 40, expect my trees to begin bearing next year.

GRANTS DALE. No. 44, Trees bore too heavy last year to give an average crop this year; 48, the prices given are little more than half they would be if I picked and peddled fruits; the neighbors come and pick them; 49, my trees are mostly young; grapes do not ripen with me.

CORVALLIS. No. 53, Fruit trees all young and just beginning to bear; 55, prices ruled lower this year than any previous one since we began growing fruit, and the crop was shorter; 63, my orchard is all young yet; 64, this is the second year my trees have borne fruit; 65, the hard freeze in May destroyed fully two-thirds of my fruit, including all the plums and pears and most of the cherries; 66, all my trees will be bearing in 1896.

WOODSIDE. No. 71, My orchard is on a north slope which location I credit for no loss from the prevailing frost this year. Trees three and five years old and heavily loaded for young trees.

STEVENSVILLE. No. 72, Strawberry and crab apple crop reported short; 73, frost injured bloom and hail destroyed much half-grown fruit, rendering crop very short; 88, a young orchard; frost killed nearly all blossoms; 90, injured by frost; 92, the poorest year I have had for fruit; 94, trees are all young; I have but just undertaken to raise small fruits; 95, orchard was set out in the spring of 1893, and yielded a few apples this year; 97, trees are all young, bearing their first fruit in 1894; 100, late spring frosts damaged crop very materially; trees planted last spring are doing exceedingly well; 102, frost injured crop; 104, my crop was nearly a failure this year.

DARBY. No. 105, My fruit crop was nearly a failure this year on account of frost; ground that yielded 1200 gallons of small fruit last year produced less than 400 gallons this year; 109, my small fruit did not do so well this year; did not raise more than half a crop.

## MISSOULA COUNTY.

MISSOULA. No. 112, Early frost killed the blossoms; 115, trees are but three years old; 116, trees are all young; have quite a number of currants and gooseberries, but can not estimate quantity or value; 117, cherry trees are thriving; plums are bearing too much; pears are doing well; grapes are not a success; currants and gooseberries yield heavily; 118, this is an off year for plums; 119, orchard is five years old; 1,000 trees were planted in 1890, 100 in 1891 and 350 in 1894; 121, we have just started in fruit growing; 122, this is the first year any of our trees have borne fruit; we have many small fruits planted but not bearing as yet; 166½, this is the third season for my orchard and the yield too light for special mention; 123, orchard is four years old; 124, orchard is but three years old; no crop yet; 125, trees were all set out in 1893 and have not yet yielded; 128, my bearing trees are all four years old; most of my orchard is but one year old, and all the trees are thriving; 130, trees are all young and just beginning to bear; 132, some of our fruit trees are twenty years old and from that down; we had a good crop of small fruit; 134, my orchard was planted in 1893; 135, this part of Missoula county is well adapted to fruit, and we think in a few years we will have a fine orchard; our trees all look well and thrifty; we do not irrigate, as our land is low and close to the river; the crop this year was somewhat injured by frost; 137, frost nipped the blossoms greatly



injuring the apples and totally destroying the plum and prune crop; 139, orchard was set out in 1894; 140; this was an off year for plums and pears, as the trees were too heavily loaded last year; 141, trees are young and just beginning to bear; it is hard to give correct figures on strawberries and raspberries; I have grown strawberries that yielded 10,000 boxes per acre; 142, fruit crop was cut short by frost; strawberries an entire failure; 144, most of my trees are young and I did not allow part of them to bear; crop does not equal by half that of 1894.

**Lo-Lo.** No. 145, Most of my trees came into bearing this year; a large proportion of my 800 prune trees will bear next season; 147, orchard is all young, just beginning to bear; 150, although my orchard is young I have to prop some of the trees; the yield per tree was not as good as last year, but a greater number of trees bore fruit; 152, fruit was almost an entire failure owing to the late frost.

**PLAINS.** No. 156, A late May frost killed nearly all of our apple blossoms; orchard is young and is not bearing much as yet.

**CARLETON.** No. 159, Frost injured all early fruit, this has been an off year for fruit of all kind; 160, my standard apple crop was almost an entire failure on account of frost in May.

**FLORENCE.** No. 164, All large fruit was injured by frost; an estimate of this year's small fruit would be no criterion; as frost reduced the normal yield from one-half to three-quarters.

**THOMPSON.** No. 165; My orchard is young and the yield was small; expect to raise a profitable crop next year; as my trees are doing finely; 167, orchard is young and just beginning to bear; expect a good yield next season.

#### FLATHEAD COUNTY.

**KALISPELL.** No. 169, Entered land on west side of Flathead Lake and started in fruit growing in 1894; expect to raise all kinds of fruit; hope to market strawberries and gooseberries by another year; 170, my orchard is too young to bear to any extent; I am setting out three acres of small fruits; 171, fruit was killed by frost; 173, have apple trees large enough to bear, but crop was destroyed by the late frost; 174, frost killed the fruit this year; 175, orchard yield very light crop of standard and crab apples.

**HOLT.** No. 177, Orchard is too young to yield; the same with reference to small fruit; 179, four-year-old apple trees are just coming into bearing; 180, frost cut short my crop of small fruits; 181, orchard is three years old and bore meagrely for the first time this season; trees are thrifty and I expect a fair crop next year.

**COLUMBIA FALLS.** No. 182, My trees are but two years old; 183, have only a small orchard, but will set out 500 trees in the spring; 184, first year apple trees bore; cherries are a failure with me; had a good yield of small fruits.

**DEMARSVILLE.** No. 185, Have just started an orchard.

**CRESTON.** No. 186, Orchard and small fruits are just beginning to bear.

**TOBACCO PLAINS.** No. 187, Orchard started in 1893; not bearing as yet.



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## PART IV.

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### OFFICIAL DIRECTORIES.

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UNITED STATES AND STATE OFFICERS.—STATE  
BOARDS.—FOURTH LEGISLATIVE  
ASSEMBLY.

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COUNTY DIRECTORIES.

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## Official Directories.

## CONGRESSIONAL DELEGATION.

Office.	Name.	Residence.	Term Expires.
United States Senator.....	Thomas H. Carter.....	Helena.....(a)	Mar. 3, 1901
United States Senator.....	Lee Mantle.....	Butte.....(b)	Mar. 3, 1899
Representative in Congress.....	Charles S. Hartman.....	Bozeman.....(c)	Mar. 3, 1897

Washington Residence—(a) No. 1432 Stoughton Street.

(b) Hotel Page.

(c) No. 1734 R Street N. W.

## DIRECTORY OF UNITED STATES OFFICERS IN MONTANA.

Office.	Name.	Residence.
Judge of United States District Court.....	Hiram Knowles.....	Missoula.....
United States District Attorney.....	Preston H. Leslie.....	Helena.....
Assistant United States District Attorney.....	George F. Shelton.....	Helena.....
Clerk of United States District Court.....	Geo. W. Sproule.....	Helena.....
United States Marshal.....	William McDermott.....	Butte.....
Surveyor General.....	John S. M. Neill.....	Helena.....
Collector of Internal Revenue.....	Ambrose W. Lyman.....	Helena.....
Collector of U. S. Customs.....	David G. Browne.....	Fort Benton.....
Assayer United States Assay Office.....	Eugene B. Braden.....	Helena.....
Melter United States Assay Office.....	Charles Rumley.....	Helena.....
Register Helena Land Office.....	W. E. Cox.....	Helena.....
Receiver Helena Land Office.....	Jeremiah Collins.....	Helena.....
Register Bozeman Land Office.....	C. P. Blakely.....	Bozeman.....
Receiver Bozeman Land Office.....	John F. Asbury.....	Bozeman.....
Register Miles City Land Office.....	James G. Ramsey.....	Miles City.....
Receiver Miles City Land Office.....	George W. Meyers.....	Miles City.....
Register Missoula Land Office.....	John M. Evans.....	Missoula.....
Receiver Missoula Land Office.....	W. C. Murphy.....	Missoula.....
Register Lewistown Land Office.....	David Hulger.....	Lewistown.....
Receiver Lewistown Land Office.....	John P. Barnes.....	Lewistown.....

## COMMISSIONERS U. S. CIRCUIT COURT, DISTRICT OF MONTANA.

Acting as Such, December 31, 1895.

Name.	Residence.	When Appointed.	Name.	Residence.	When Appointed.
Allan, J. A.....	Hamilton.....	Jan. 22, 1895	McLaren, J. R.....	Stevensville.....	Jan. 4, 1892
Avery, E. S.....	Lima.....	May 2, 1893	McMurphey, H.....	Butte.....	Feb. 29, 1892
Barbour, J. E.....	Big Timber.....	Sept. 13, 1892	Murphy, T. W.....	Fort Benton.....	Apr. 3, 1893
Brown, T. A.....	Boulder.....	Apr. 15, 1890	Morse, J. E.....	Dillon.....	Aug. 2, 1895
Burton, C. W.....	Pondera.....	Feb. 9, 1893	McGowan.....	Plains.....	July 24, 1895
Campbell, A.....	Billings.....	Apr. 15, 1890	McDonald, Duncan.....	Ravalli.....	Apr. 15, 1890
Carlin, J. B.....	Hamilton.....	Oct. 16, 1895	O'Bannon, O. B.....	Deer Lodge.....	Apr. 15, 1890
Comfort, J. R.....	Twin Bridges.....	Feb. 8, 1893	O'Leary, T.....	Anaconda.....	May 17, 1894
Conlin, M.....	Holt.....	Aug. 28, 1893	Price, M. C.....	Whitlash.....	July 24, 1895
Cockrill, W. M.....	Great Falls.....	Nov. 28, 1894	Poorman, W. H.....	Livingston.....	June 10, 1893
Cook, Fred. W.....	Helena.....	June 1, 1894	Pomeroy, C. W.....	Great Falls.....	Nov. 6, 1890
Davis, J. H.....	Virginia City.....	Nov. 17, 1891	Poston, J. D.....	Libby.....	June 10, 1893
Dingevon, James.....	Butte.....	Apr. 15, 1890	Prahl, W. W.....	Neihart.....	Jan. 4, 1892
Dyas, J. P.....	Great Falls.....	Apr. 2, 1891	Redfield, W. H.....	Livingston.....	Nov. 6, 1890
Everett, T. M.....	Harlem.....	Dec. 12, 1890	Richardson, E. A.....	Crow Agency.....	Aug. 28, 1893
Fleischauer, W. G.....	Bozeman.....	Aug. 10, 1891	Russell, E. C.....	Helena.....	Nov. 3, 1892
Garrett, E. C.....	Piegan.....	Dec. 5, 1891	Rainbolt, W. S.....	Chinook.....	June 30, 1890
Gray, F. L.....	Kalispell.....	Feb. 24, 1893	Ray, J. H.....	Glenlivet.....	Nov. 18, 1890
Hall, C. E.....	Glasgow.....	June 13, 1892	Robbins, S. B.....	Great Falls.....	Oct. 28, 1895
Hart, A. P.....	Billings.....	June 13, 1892	Solleder, G. W.....	Darby.....	Jan. 28, 1895
Harper, J. H.....	Butte.....	May 2, 1893	Sproule, Geo. W.....	Helena.....	Apr. 15, 1890
Hunter, F. A.....	Poplar Creek.....	Apr. 21, 1890	Swaney, A. W.....	Ashley.....	Nov. 13, 1890
Jackways, C. A.....	Ovando.....	June 10, 1893	Sullivan, Jere.....	Fort Benton.....	June 10, 1893
Kinsley, J. W.....	Helena.....	Apr. 15, 1890	Smith, Wallace P.....	Missoula.....	Aug. 9, 1894
Kriedler, F. M.....	Miles City.....	Apr. 15, 1890	Sweet, Geo. W.....	Havre.....	Apr. 2, 1894
Lewis, J. E.....	Columbia Falls.....	Apr. 30, 1892	Stam, J. W.....	Chinook.....	Aug. 9, 1894
Logan, A.....	Missoula.....	May 28, 1891	Smith, D. F.....	Columbia Falls.....	Nov. 28, 1894
Logan, S. M.....	Kalispell.....	May 28, 1891	Trescott, C. E.....	Dupuyer.....	May 7, 1895
Meagher, D. A.....	Lewistown.....	Apr. 15, 1890	VanWyck, H. L.....	Libby.....	Aug. 28, 1893
Meyer, W. F.....	Red Lodge.....	Nov. 3, 1891	Warner, A. C.....	Cotteau.....	Dec. 12, 1890
Miller, J. K.....	Columbia Falls.....	May 2, 1893	Waterman, Max.....	White Sul. Springs.....	Apr. 15, 1890
Moore, W. E.....	Phillipsburg.....	Aug. 10, 1891	Woods, T. G.....	Augusta.....	Dec. 2, 1891
Morris, F. J.....	Grantsdale.....	Oct. 5, 1891			

## COMMISSIONERS OF DEEDS FOR STATE OF MONTANA, DECEMBER 31, 1895.

Name and Residence.	Date Commiss on Issued.	Term Expires.
James L. King; San Francisco, Cal., No. 308 California St.	July 3, 1893	July 3, 1896
George T. Knox. San Francisco, Cal., No. 144 California St.	Nov. 14, 1893	Nov. 14, 1896
Livingston W. Cleaveland; New Haven, Conn., No. 69 Church St.	Jan. 24, 1893	Jan. 24, 1896
John E. Mitchell; Washington, D. C., No. 1,321 F. St. N. W.	Oct. 17, 1892	Oct. 17, 1895
Chas. S. Bundy; Washington, D. C., No. 458 Louisiana Ave.	July 20, 1893	July 20, 1896
Philip A. Hoyme; Chicago, Illinois, Room No. 52, Government Building.	Dec. 7, 1892	Dec. 7, 1895
James G. Ramsey; Chicago, Illinois.	Apr. 28, 1893	April 28, 1896
Newton G. Rogers; Louisville, Kentucky, No. 341 Fifth Ave.	Aug. 17, 1892	Aug. 17, 1895
Chas. Hall Adams; Boston, Mass., No. 23 Court St.	Nov. 25, 1892	Nov. 25, 1895
Samuel Jennison; Boston, Mass., No. 186 Washington St.	Dec. 13, 1892	Dec. 13, 1895
Edward J. Jones; Boston, Mass., No. 61 Court St.	Jan. 18, 1893	Jan. 18, 1896
Augustine H. Read; Boston, Mass., No. 20 Devonshire St.	May 26, 1893	May 26, 1896
Frank D. Butrick; Boston, Mass., Ames Building.	July 31, 1893	July 31, 1896
Edward G. Reynolds; Kansas City, Mo., No. 417 American Bank Building.	May 27, 1892	May 27, 1895
C. D. Greene, Jr.; St. Louis, Mo., No. 311 Olive St.	Jan. 28, 1893	Jan. 28, 1896
Chas. Edgar Mills; New York City, N. Y., No. 115 Broadway.	June 4, 1892	June 4, 1895
Edward F. Wellington; New York City, N. Y., No. 20 Exchange St.	Oct. 18, 1892	Oct. 18, 1895
Robert L. Stanton; New York City, N. Y., No. 15 Broad St.	Jan. 12, 1893	Jan. 12, 1896
Alfred Mackay; New York City, N. Y., No. 59 Cedar St.	Jan. 12, 1893	Jan. 12, 1896
George H. Corey; New York City, N. Y., No. 66 Wall St.	Feb. 2, 1893	Feb. 2, 1896
Chas. F. Lunt; New York City, N. Y., No. 470 Broadway.	Mar. 30, 1893	Mar. 30, 1896
Leonard R. Kidder; New York City, N. Y., No. 35 Wall St.	May 10, 1893	May 10, 1896
John A. Hillery; New York City, N. Y., No. 56 Wall St.	July 22, 1893	July 22, 1896
Thomas B. Clifford; New York City, N. Y., No. 206 Broadway.	Aug. 10, 1893	Aug. 10, 1896
W. H. Clarkson; New York City, N. Y., No. 115 Broadway.	Aug. 31, 1893	Aug. 31, 1896
Joseph B. Brame; New York City, N. Y., No. 120 Broadway.	Sept. 30, 1893	Sept. 30, 1896
Eugene D. White; Portland, Oregon.	Dec. 7, 1892	Dec. 7, 1895
William Jenks Fell; Philadelphia, Pa., No. 131 South 5th St.	June 7, 1892	June 7, 1895
Sam. L. Taylor; Philadelphia, Pa., No. 518 Walnut St.	Aug. 26, 1892	Aug. 26, 1895
J. H. Wheeler; Philadelphia, Pa., No. 426 Walnut St.	Nov. 14, 1892	Nov. 14, 1895
George W. Hunt; Philadelphia, Pa., No. 623 Walnut St.	June 8, 1893	June 8, 1896
Thos. J. Hunt; Philadelphia, Pa., No. 623 Walnut St.	Feb. 28, 1894	Feb. 28, 1897
Meloney G. Soniat; New Orleans, La., No. 13 Carondelet St.	Mar. 2, 1894	Mar. 2, 1897
Clarence H. Bissell; Winthrop, Mass.	Apr. 4, 1894	April 4, 1897
Jos. B. Brame; Boston, Mass., Sears Building.	June 13, 1894	June 13, 1897
Mark A. Foote; Chicago, Illinois, No. 311 Chamber of Commerce.	Nov. 28, 1894	Nov. 28, 1897
Silas S. Willard; Chicago, Illinois, No. 107 Dearborn St.	Nov. 30, 1894	Nov. 30, 1897

## U. S. PENSION BOARD.

Meets every Wednesday at 10 a. m. at office of Dr. Carmichael, Atlas Block, Helena.

Members.	Organization.	P. O. Address.	
W. L. Steele, M. D.	President.	Helena.	App. by U. S. Government
J. A. Moore, M. D.	Secretary.	Helena.	App. by U. S. Government
D. L. Carmichael, M. D.	Treasurer.	Helena.	App. by U. S. Government

## SUPREME AND DISTRICT COURTS STATE OF MONTANA—SUPREME COURT.

Office.	Name.	P. O. Address.	Elected.	Term Expires.
Chief Justice Supreme Court.	Wm. Y. Pemberton.	Helena.	Nov. 8, 1892	Jan. 2, 1899
Associate Justice Supreme Court.	Wm. H. DeWitt.	Helena.	Nov. 8, 1890	Jan. 4, 1897
Associate Justice Supreme Court.	Wm. H. Hunt.	Helena.	Nov. 6, 1894	Jan. 3, 1901

CLERK OF SUPREME COURT, BENJAMIN WEBSTER. MARSHAL OF SUPREME COURT, JUNIUS G. SANDERS.

## DISTRICT COURTS.

No. of District	Office:	Name.	P. O. Address.	Counties Composing District.
1st.	District Judge.	Henry N. Blake.	Helena.	Lewis and Clarke.
"	"	Horace R. Buck.	Helena.	Lewis and Clarke.
2nd	"	John J. McIlhatton.	Butte.	Silver Bow.
"	"	William O. Speer.	Butte.	Silver Bow.
3d	"	Theodore H. Brantley.	Deer Lodge.	Deer Lodge; Granite.
4th	"	Frank H. Woody.	Missoula.	Missoula; Ravalli.
5th	"	Frank Showers.	Boulder.	Beaverhead; Jefferson; Madison.
6th	"	Frank K. Henry.	Livingston.	Carbon; Park; Sweetgrass.
7th	"	George R. Milburn.	Miles City.	Custer; Dawson; Yellowstone.
8th	"	Charles H. Benton.	Great Falls.	Cascade.
9th	"	Francis K. Armstrong.	Bozeman.	Gallatin; Meagher.
10th	"	Dudley DuRose.	Fort Benton.	Choteau; Fergus; Valley.
11th	"	Chas. W. Pomeroy.	Kalispell.	Flathead; Teton.

# Directory of State Officers of Montana.

## ELECTIVE OFFICERS.

Office.	Name.	P. O. Address.	Politics.	Elected.	Term Exp.
Governor .....	John E. Rickards .....	Helena .....	Republican .....	Nov. 8, 1892 .....	Jan. 4, 1897 .....
Lieutenant-Governor .....	Alexander C. Botkin .....	" .....	" .....	" .....	" .....
Secretary of State .....	Louis Rotwitt .....	" .....	" .....	" .....	" .....
Attorney General .....	Henri J. Haskell .....	" .....	" .....	" .....	" .....
State Treasurer .....	Frederick W. Wright .....	" .....	" .....	" .....	" .....
State Auditor .....	A. B. Cook .....	" .....	" .....	" .....	" .....
Sup't of Public Instruction .....	Eugene A. Steere .....	" .....	" .....	" .....	" .....
Chief Justice Supreme Court .....	Wm. Y. Pemberton .....	" .....	Dem. and Pop. .....	" .....	Jan. 2, 1899 .....
Asso. Justice Supreme Court .....	Wm. H. DeWitt .....	" .....	Republican .....	Nov. 8, 1889 .....	Jan. 4, 1897 .....
Asso. Justice Supreme Court .....	Wm. H. Hunt .....	" .....	" .....	Nov. 6, 1894 .....	Jan. —, 1901 .....
Clerk of Supreme Court .....	Benjamin Webster .....	" .....	" .....	Nov. 8, 1892 .....	Jan. 2, 1899 .....

## APPOINTIVE OFFICERS.

Office.	Name.	P. O. Address.	Politics.	Term.	Date Appointed.
Private Secretary to Governor .....	A. B. Keith .....	Helena .....	Republican .....	4 years .....	Jan. 2, 1893 .....
State Land Agent .....	James M. Page .....	" .....	" .....	unex. ....	July 31, 1895 .....
Register State Land Office .....	S. A. Swiggert .....	" .....	" .....	4 years .....	Mar. 23, 1895 .....
State Examiner .....	David D. Bogart .....	" .....	" .....	to Dec. 31, '96 .....	Mar. 21, 1895 .....
Accountant to State Examiner .....	E. W. Stetson .....	" .....	" .....	to Dec. 31, '96 .....	" .....
Veterinary Surgeon .....	Robert H. Bird .....	" .....	" .....	2 years .....	Jan. 23, 1895 .....
Inspector of Mines .....	C. S. Shoemaker .....	" .....	" .....	" .....	Feb. 13, 1895 .....
Deputy Inspector of Mines .....	John H. Miles .....	Butte .....	" .....	" .....	" .....
State Boiler Inspector .....	George Blinn .....	Helena .....	" .....	" .....	Jan. 10, 1895 .....
Assistant Boiler Inspector .....	A. H. Andrews .....	" .....	" .....	" .....	Jan. —, 1895 .....
Com'r Agri., Labor and Ind. ....	James H. Mills .....	" .....	" .....	4 years .....	Mar. 2, 1893 .....
State Librarian .....	Miss Lou Guthrie .....	" .....	" .....	2 years .....	Jan. 11, 1895 .....
Librarian Historical Society .....	Wilbur E. Sanders .....	" .....	Republican .....	" .....	Nov. 6, 1895 .....
Custodian Ft. Ellis Reservation .....	J. P. Chrisman .....	Bozeman .....	" .....	2 years .....	Jan. 27, 1895 .....
Custodian Ft. Maginnis Re-er. ....	Ernest Kies .....	Fort Maginnis .....	Democrat .....	" .....	May 1, 1895 .....

## GENERAL STAFF.

J. E. RICKARDS, Governor and Commander-in-Chief. \*

Rank and Name.	Office.	Station.	Date Appointed.
Brig. General, C. F. Lloyd .....	Adjutant General .....	Butte .....	Jan. 2, 1893 .....
Brig. General, Chas. D. Curtis .....	Inspector General .....	Helena .....	" .....
Brig. General, Chas. W. Hoffman .....	Quartermaster General .....	Bozeman .....	" .....
Brig. General, Andrew J. Davis .....	Commissary General .....	Butte .....	" .....
Brig. General, H. D. Pickman* .....	Surgeon General .....	Dillon .....	" .....
Colonel, John R. Miller .....	Ordnance Officer .....	Helena .....	" .....
Colonel, Robert B. Wallace .....	Ass't Inspec or General .....	" .....	Nov. 10, 1894 .....
Colonel, Hiram S. Blanchard .....	Mustering Officer .....	Clearwater .....	Dec. 26, 1894 .....
Captain, C. H. Loud .....	Judge Advocate .....	Miles City .....	Jan. 2, 1893 .....
Colonel, Wm. M. Thornton .....	Aide de Camp .....	Anaconda .....	" .....
Colonel, A. L. Babcock .....	Aide de Camp .....	Billings .....	" .....
Colonel, John L. Sloan .....	Aide de Camp .....	Missoula .....	" .....

\* Died since Jan. 1, 1896.

## NATIONAL GUARD OF MONTANA, DECEMBER 31, 1895.

GOVERNOR JOHN E. RICKARDS, - - - - - COMMANDER-IN-CHIEF.  
First Regiment Infantry, Headquarters, Butte.

Regimental Officers—Rank.	Name.	Residence.
Colonel .....	Harry C. Kessler .....	Butte .....
Lieutenant-Colonel .....	Charles S. Shoemaker .....	Helena .....
Major—1st Battalion .....	Henry Mueller .....	Butte .....
Major—2d Battalion .....	J. W. Drennan .....	Bozeman .....
Major—3d Battalion .....	Byron H. Cook .....	Butte .....
Regimental Surgeon—Major .....	Josiah S. Hammond .....	" .....
Assistant Surgeon—Captain .....	C. D. Freund .....	" .....
Assistant Surgeon—Captain .....	W. C. Riddell .....	Helena .....
Adjutant—1st Lieutenant .....	George F. Marsh .....	Butte .....
Quartermaster—1st Lieutenant .....	Alfred Seadorf .....	" .....
Chaplain—Captain .....	George C. Stull .....	" .....

## NON-COMMISSIONED STAFF.

Sergeant-Major .....	F. W. Holmes .....	Butte .....
Quartermaster-Sergeant .....	Charles Lane .....	" .....
Chief Bugler—Sergeant .....	A. W. Orton .....	Bozeman .....
Hospital Steward—Sergeant .....	W. C. Atherden .....	Butte .....
Hospital Steward—Sergeant .....	D. M. Newbro .....	" .....

## COMPANIES. LOCATION AND COMMANDING OFFICERS.

Companies.	Location.	Captains.	Companies.	Location.	Captains.
A	Great Falls .....	T. P. A. Howe .....	F	Butte .....	Wm. L. Hill .....
B	Butte .....	Charles Gardner .....	G	" .....	E. W. Wynne .....
C	Helena .....	Guy H. Preston .....	H	Bozeman .....	James Keown .....
D	Virginia City .....	George W. Reif .....	I	Helena .....	Robert L. Fisk .....
E	Dillon .....	Walter J. Crowell .....	K	Anaconda .....	James McQuade .....

## BOARD OF TRUSTEES—STATE HISTORICAL SOCIETY.

Members.	Organization.	P. O. Address.	Appointed.	Term.
Cornelius Hedges .....	President .....	Helena .....	March 2, 1895	Two years...
William E. Cullen .....	Vice-President .....	" .....	" .....	" .....
Fred. Gamer .....	Secretary .....	" .....	" .....	" .....
Peter Koch .....	Treasurer .....	" .....	" .....	" .....
Wilbur F. Sanders .....	Trustee .....	" .....	" .....	" .....
W. E. Sanders .....	Librarian .....	" .....	Nov. 6, 1895	" .....

## BOARD OF MEDICAL EXAMINERS OF MONTANA.

Members.	Organization.	P. O. Address.	Appointed.	Term Expires.
T. J. Murray, M. D. ....	President .....	Butte .....	Dec. 29, 1893	Dec. 31, 1900
W. M. Bullard, M. D. ....	Secretary .....	Wickes .....	Feb. 26, 1890	Dec. 31, 1896
W. C. Riddell, M. D. ....	Treasurer .....	Helena .....	Mar. 12, 1892	Dec. 31, 1898
C. K. Cole, M. D. ....	Chairm'n Ex. Com. ....	" .....	Apr. 6, 1892	Dec. 31, 1897
E. D. Leavitt, M. D. ....	Member .....	Butte .....	Jan. 1, 1896	Dec. 31, 1902
J. M. Sligh, M. D. ....	" .....	Granite .....	Mar. 27, 1893	Dec. 31, 1899
H. Chapple, M. D. ....	" .....	Billings .....	Feb. 25, 1895	Dec. 31, 1902

## STATE BOARD OF EQUALIZATION.

J. E. Rickards .....	Governor .....	President of the Board
L. Rotwitt .....	Secretary of State .....	Secretary of the Board
H. J. Haskell .....	Attorney General .....	
F. W. Wright .....	State Treasurer .....	
A. B. Cook .....	State Auditor; Clerk of Board, Emily Swan.	

## STATE BOARD OF PARDONS.

H. J. Haskell .....	Attorney General .....	President of the Board
L. Rotwitt .....	Secretary of State .....	Secretary of the Board
A. B. Cook .....	State Auditor; Clerk of Board, Lou Rathorn,	

## STATE BOARD OF PRISON COMMISSIONERS.

J. E. Rickards .....	Governor .....	President of the Board
L. Rotwitt .....	Secretary of State .....	Secretary of the Board
H. J. Haskell .....	Attorney General; Clerk of Board, H. F. Batchelor.	

## STATE BOARD OF COMMISSIONERS FOR INSANE.

J. E. Rickards .....	Governor .....	President of the Board
L. Rotwitt .....	Secretary of State .....	Secretary of the Board
H. J. Haskell .....	Attorney General; Clerk of Board, W. D. Gardiner.	

## STATE BOARD OF EXAMINERS.

J. E. Rickards .....	Governor .....	President of the Board
L. Rotwitt .....	Secretary of State .....	Secretary of the Board
H. J. Haskell .....	Attorney General; Clerk of Board, J. E. McIntire.	



## STATE BOARD OF LAND COMMISSIONERS.

J. E. Rickards.....	Governor.....	President of the Board
E. A. Steere.....	Sup't of Public Instruction.....	Secretary of the Board
L. Rotwitt.....	Secretary of State.....	
H. J. Haskell.....	Attorney General; Clerk of Board, Harry Cannon.	

## STATE FURNISHING BOARD.

J. E. Rickards.....	Governor.....
H. J. Haskell.....	Attorney General.
L. Rotwitt.....	Secretary of State.

## STATE BOARD OF ARBITRATION.

Name.	Organization.	P. O. Address.	When appointed.	Term.
Chas. F. Mussigbrod.....	Not Organized.	Warm Springs.....	March 5, 1895	Two Years
W. H. Eddy.....		Butte.....	"	"
H. M. Beadle.....		Helena.....	"	"

## STATE CAPITOL SITE COMMISSION.\*

E. D. Leavitt.....	Chairman.....	Butte.....	March 7, 1895	Indefinite...
A. J. Davidson.....	Secretary.....	Helena.....	"	"
E. D. Ellis.....	Member.....	Bozeman.....	"	"
E. D. Edgerton.....	".....	Helena.....	"	"
E. H. Talcott.....	".....	Livingston.....	"	"

\* Commission terminated with acceptance of State Capitol site.

## STATE CAPITOL COMMISSION.

*J. E. Rickards.....	Chairman.....	Helena.....	March 7, 1895	Indefinite...
C. K. Cole.....	Vice Chairman.....	".....	"	"
W. H. Flowerree.....	Member.....	Sun River.....	"	"
W. M. Bickford.....	".....	Missoula.....	"	"
C. F. Lloyd.....	".....	Butte.....	"	"

\* By the provisions of the act creating this Commission the Governor of the State is a member of the Commission during his tenure of office; Geo. F. Marsh, Secretary to Commission.

## STATE ARID LAND COMMISSION.

E. W. Beattie.....	Chairman.....	Helena.....	Mar. 23, 1895	Six years....
J. T. Armstrong.....	Member.....	Great Falls.....	"	"
Jas. A. Talbott.....	".....	Butte.....	"	"
H. S. Corbett.....	".....	Missoula.....	"	"
A. L. Babcock.....	".....	Billings.....	"	"
J. C. Aud.....	Secretary.....	Glendive.....	April 9, 1895	"

## SOLDIERS' HOME.

## BOARD OF MANAGERS.

R. E. Fisk.....	Member.....	Helena.....	Ex-officio.....	.....
P. R. Dolman.....	Chairman.....	Butte.....	Apr. 18, 1895	Four Years..
C. B. Miller, M. D.....	Secretary.....	Helena.....	"	"
Lyman Loring.....	Member.....	Columbia Falls.....	"	Two Years..
E. F. Ferris.....	".....	Bozeman.....	"	"

By provisions of the act creating this Commission R. E. Fisk, Helena, is a member ex-officio during the current year by virtue of his being Department Commander of the Grand Army of the Republic in the State for the current year.

## STATE BOARD OF PHARMACY.

D. M. Newbro.....	President.....	Butte.....	Mar. 26, 1895	Three Years.
E. Starz.....	Treasurer.....	Helena.....	"	Two Years...
Geo. W. Shoemaker.....	Secretary.....	Billings.....	"	One Year....

## STATE BOARD OF DENTAL EXAMINERS.

J. W. Reed.....	President.....	Butte.....	Mar. 29, 1895	Four Years..
W. E. Zuber.....	Secretary.....	Helena.....	"	Two Years...
W. F. Robinson.....	Treasurer.....	Missoula.....	"	Three Years...
Chas. S. Whitney.....	Member.....	Miles City .....	"	One Year....
Wm. A. Tudor.....	".....	Bozeman.....	"	Five Years...

## COMMISSIONERS OF BUILDING AND LOAN ASSOCIATIONS.

*A. B. Clements.....	Chairman.....	Helena.....	Mar. 23, 1895	Dec. 31, 1896
Clarence Grange.....	Secretary.....	Butte.....	Mar. 19, 1895	"

\* Appointed vice George L. Ramsey, Bozeman, appointed March 19th, 1895, resigned.

## STATE BOARD OF GAME AND FISH COMMISSIONERS.

*H. Percy Kennett.....	Chairman.....	Helena.....	Mar. 26, 1895	Three Years..
John F. Cowan.....	Secretary.....	Butte.....	Mar. 19, 1895	Two Years...
W. B. Green.....	".....	Kalispell.....	"	One Year....

\* Vice John O'Connor, Helena, appointed March 19th, 1895, resigned.

## State Board of Education.

UNDER ACT APPROVED MARCH 1, 1893.

Members.	Organization.	P. O. Address.	Appointed.	Term.	Term Expires.
J. E. Rickards, Governor .....	President.....	Helena.....	Ex-Officio .....		
E. A. Steere, Sup't Pub. Inst. ....	Secretary.....	".....	".....		
H. J. Haskell, Att'y Gen'l.....	Member.....	".....	".....		
James Reid .....	".....	Bozeman.....	Feb. 1, 1896	4 years.....	Feb. 1, 1900
J. A. Baker.....	".....	Butte.....	".....	".....	".....
J. E. Morse.....	".....	Dillon.....	Mar. 1, 1893	".....	Feb. 1, 1897
T. E. Collins.....	".....	Great Falls.....	".....	".....	".....
J. M. Hamilton.....	".....	Missoula.....	".....	5 years.....	Feb. 1, 1898
H. H. Grant.....	".....	Grantsdale.....	Jan. 17, 1885	3 years.....	".....
O. F. Goddard.....	".....	Billings.....	Feb. 18, 1895	4 years.....	Feb. 1, 1899
R. G. Young.....	".....	Helena.....	".....	".....	".....

The State Treasurer is Treasurer of the Board; C. C. Wylie, Helena, Clerk of the Board. Semi-annual meetings at Capitol—first Monday, June and December. No compensation.

## THE UNIVERSITY OF MONTANA.

Located at Missoula by Act approved February 17, 1893—(The Government of the University is vested in the State Board of Education.

## EXECUTIVE COMMITTEE.

Members.	Organization.	P. O. Address.	Term.	Term Expires.
J. H. T. Ryman.....	President.....	Missoula.....	3 years.....	Feb. 1, 1897
T. C. Marshall.....	Secretary.....	".....	".....	Feb. 1, 1898
Hiram Knowles.....	Member.....	".....	".....	Feb. 1, 1899

## FACULTY OF UNIVERSITY OF MONTANA.

Oscar J. Craig, A. M. Ph. D., President.....	Professor of History and Literature.
S. A. Merritt, B. S.....	Professor of Natural Science.
Miss Cynthia E. Reiley, B. S.....	Professor of Mathematics.
W. M. Aber, A. B.....	Professor of Latin and Greek.
Fred. C. Scheuch, M. E.; A. C.....	Professor Modern Languages; Applied Sciences.
Mary Olive Gray.....	Instructor of Music.
Mary A. Craig, B. S.....	Librarian.

**THE MONTANA COLLEGE OF AGRICULTURE AND MECHANIC ARTS AND THE  
EXPERIMENT STATION.**

Located at Bozeman by Act approved February 16th, 1893. (General control and Supervision vested in the State Board of Education.)

**EXECUTIVE BOARD.**

Members.	Organization.	P. O. Address.	Appointed.	Term.	Term Exp.
Lester S. Willson.....	President.....	Bozeman.....	Mar. 21, 1893	4 years.....	Feb. 1, 1897
George Kinkle, Jr.....	Vice-President.....	".....	Feb. 6, 1896	".....	Feb. 1, 1900
Peter Koch.....	Sec'y and Treas.....	".....	Mar. 21, 1895	5 years.....	Feb. 1, 1898
Nelson Story.....	".....	".....	Feb. 1, 1895	2 years.....	Feb. 1, 1897
Walter Cooper.....	".....	".....	".....	".....	".....

**FACULTY OF AGRICULTURAL COLLEGE.**

James Reid, A. B. President.....	Mental, Moral and Political Science.
A. M. Ryon, E. M.....	Engineering and Mining.
S. M. Emery.....	Horticulture.
Luther Foster, M. S. A.....	Agriculture and Botany.
F. W. Traphagen, Ph. D. F. C. S.....	Chemistry and Natural Sciences.
R. E. Chandler, M. E.....	Mechanical Engineering and Mathematics.
W. L. Williams, V. S.....	Veterinary Science.
Miss K. P. Calvin.....	Music.
Prof. Albert Wright.....	Violin, etc.
B. F. Maiden, A. B. Principal.....	Preparatory Department.
H. G. Phelps.....	Business Department.
Mrs. F. E. Marshall.....	Freehand Drawing and Wood Carving.
W. M. Cobleigh, E. M.....	Assistant in Chemistry and Physics.
Miss Jennie Jones.....	Instructor in Stenography and Typewriting.
Miss Jennie Jones.....	Assistant Librarian.

College opened September 18, 1895.

**EXPERIMENT STATION STAFF.**

S. M. Emery, Director.....	Horticulturist.
Luther Foster.....	Agriculturist.
F. W. Traphagen.....	Chemist.
W. L. Williams, V. S.....	Veterinary Science.
H. G. Phelps.....	Accountant.

**STATE NORMAL SCHOOL.**

Established and Located at Dillon by Act approved February 23, 1893—(Control and Supervision vested in State Board of Education).

**COMMITTEE ON CONSTRUCTION.**

Members.	Organization.	P. O. Address.	Appointed.	Term.
B. F. White.....	President.....	Dillon.....	June 1, 1895	Not Specified
Frank Eliel.....	Secretary.....	".....	Feb. 1, 1895	"
W. M. Oliver.....	Treasurer.....	".....	".....	"

**STATE DEAF AND DUMB ASYLUM.**

Established and Located at Boulder, by Act Approved February 23, 1893—(Control and Supervision vested in the State Board of Education).

**BOARD OF TRUSTEES AND MANAGEMENT.**

Members.	Organization.	P. O. Address.	Appointed.	Term.
Jesse M. Patterson.....	President.....	Boulder.....	Feb. 12, 1896	Three Years.
M. H. Parker.....	Secretary.....	".....	May 2, 1895	One Year....
G. H. Barbour, M. D.....	Member.....	Helena.....	".....	Three Years.
MANAGEMENT.				
J. A. Tillinghast.....	Superintendent.....	Boulder.....	Sept. 1, 1895	Two Years...
Mrs. J. A. Tillinghast.....	Matron.....	".....	".....	One Year....
L. A. Vawter, M. D.....	Visiting Physician.....	".....	".....	".....

## INSTRUCTORS.

J. A. Tillinghast.....	Teacher of Deaf and Dumb.
L. A. Devine.....	Asst. Teacher of Deaf and Dumb.
Miss Daisy Doyle.....	Teacher of Blind and Music.

## MONTANA STATE SCHOOL OF MINES.

Located at Butte by Act approved February 17, 1893.

## BOARD OF TRUSTEES.

Members.	Organization.	P. O. Address.	Appointed.	Term.	Term Expires.
F. E. Sargent.....	President.....	Butte.....	May 26, 1893	Three Years.	Jan. 1, 1896
E. H. Wilson.....	Secretary.....	".....	May 26, 1893	Three Years.	Jan. 1, 1896
J. H. Leyson.....	Treasurer.....	".....	May 26, 1893	One Year....	Jan. 1, 1898
C. W. Goodale.....	Member.....	".....	May 26, 1893	Three Years.	Jan. 1, 1896
*W. W. Dixon.....	Member.....	".....	May 26, 1893	.....	Jan. 1, 1898

\* Appointed to fill unexpired term of M. Kirkpatrick

## HOME FOR ORPHANS, FOUNDLINGS AND DESTITUTE CHILDREN.

Established and Located at Twin Bridges by Act approved March 2, 1893.

## BOARD OF TRUSTEES.

Members.	Organization.	P. O. Address.	Appointed.	Term.	Term Expires.
Patrick Carney.....	President.....	Fish Creek.....	Mar. 27, 1893	Four Years..	Mar. 27, 1897
John R. Comfort.....	Secretary.....	Twin Bridges....	Mar. 29, 1895	Four Years..	Mar. 29, 1899
John Wilhart.....	Treasurer.....	".....	Mar. 29, 1895	Four Years..	Mar. 29, 1899
*Mortimer H. Lott.....	Member.....	".....	Aug. 26, 1895	Unexpired...	Mar. 27, 1897

\* Appointed to fill unexpired term of R. O. Hickman, deceased.

## THE STATE REFORM SCHOOL.

Established and Located at Miles City by Act approved March 1, 1893.

## BOARD OF TRUSTEES AND MANAGEMENT.

Members.	Organization.	P. O. Address.	Appointed.	Term.
J. W. Strevell.....	President.....	Miles City.....	Mar. 29, 1895	Four Years..
Howard B. Wiley.....	Secretary.....	".....	Mar. 29, 1893	Four Years..
Chas. R. Middleton.....	Member.....	".....	Mar. 29, 1893	Three Years..
MANAGEMENT.				
A. J. Hylton.....	Director.....	Miles City.....	Jan. 22, 1894	Not specified
Mrs. A. J. Hylton.....	Matron.....	".....	Aug. 1, 1894	"

## STATE BOARD OF CHARITIES AND REFORM.

Semi-Annual meetings at office of Secretary of State, January and October: No Compensation.

Members.	Organization	P. O. Address.	Appointed.	Term.	Term Expires.
*Rev. E. J. Groeneveld.....	President.....	Butte.....	Dec. .. 1895	Unexpired...	Mar. 27, 1899
Mrs. M. S. Cummins.....	Secretary.....	Helena.....	Mar. 6, 1895	Six Years....	Mar. 6, 1901
Rev. W. W. Van Orsdel.....	Member.....	Great Falls....	Mar. 25, 1893	Four Years..	Mar. 25, 1897

\* Appointed to fill unexpired term of Rev. Galen Wood.

## State Board Stock Commissioners.

### EXECUTIVE OFFICERS.

President.....	John T. Murphy.....	Helena.
Vice-President.....	S. S. Huntley.....	Helena.
Secretary.....	W. G. Preuitt.....	Helena.
Clerk of Board.....	C. C. Smith.....	Helena.

### COMMISSIONERS.

County.	Name.	P. O. Address.
Beaverhead.....	C. H. Padley.....	Dillon.....
Cascade.....	J. G. Humney.....	Cascade.....
Carbon.....	J. N. Tolman.....	Red Lodge.....
Choteau.....	C. J. McNamara.....	Big Sandy.....
Custer.....	Jesse Haston.....	Miles City.....
Dawson.....	Ed. Marron.....	Glendive.....
Deer Lodge.....	John Bielenberg.....	Deer Lodge.....
Fergus.....	S. S. Hobson.....	Utica.....
Jefferson.....	S. S. Huntley.....	Toston.....
Lewis and Clarke.....	John T. Murphy.....	Helena.....
Madison.....	Alex Metzel.....	Puller Springs.....
Meagher.....	Len Lewis.....	Fort Logan.....
Park.....	John Conrow.....	Livingston.....
Sweet Grass.....	J. N. Kelley.....	Hunter's Hot Springs.....
Silver Bow.....	Geoffrey Lavelle.....	Butte.....
Teton.....	W. K. Flowerree.....	Sun River.....
Valley.....	M. E. Milner.....	Malta.....
Yellowstone.....	D. Fratt.....	Billings.....

### STOCK INSPECTORS.

Name.	P. O. Address.
R. P. Heren.....	Chicago, Ill.....
J. H. Lander.....	Chicago, Ill.....
H. E. Bourdette.....	St. Paul, Minn.....
Harry Lund.....	Fort Benton, Mont.....
W. D. Smith.....	Miles City, Mont.....
R. H. Rickard.....	Omaha, Neb.....
J. W. Collins.....	Butte, Mont.....

### DEPUTY SHEEP INSPECTORS.

Appointed by State Veterinary Surgeon.

Name.	County.	Residence.
Frank Landon.....	Beaverhead.....	Dillon.....
H. H. Nelson.....	Cascade.....	Cascade.....
D. H. Bowman.....	Custer.....	Miles City.....
C. H. Williams.....	Deer Lodge.....	Garrison.....
D. Hilger.....	Fergus.....	Lewistown.....
L. S. Briggs.....	Madison.....	Ennis.....
C. W. Cook.....	Meagher.....	Unity.....
J. D. McGregor, V. S.....	Silver Bow.....	Butte.....
S. L. Potter.....	Teton.....	Dupuyer.....

## State Prison.

Title.	Location.	Located by	Contractors.
*Eastern State Prison.....	Billings, Yellowstone County...	Act approved March 3, 1893.	.....
Western State Prison..	Deer Lodge, Deer Lodge County	Act approved March 3, 1893.	Conley & McTague....

\* Not completed.

### STATE INSANE ASYLUM.

State Insane Asylum.....	Warm Springs, Deer Lodge Co..	Not located.....	Mitchell & Mussigbrod
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NOTE—The Asylum is the property of the Contractors.

## Officers and Members Fourth Legislative Assembly.

(WITH CORRECTIONS TO DECEMBER 31, 1895.)

REGULAR SESSIONS CONVENE AT 12 O'CLOCK (NOON) EACH ODD NUMBERED YEAR—LIMIT OF DURATION, 60 DAYS.

JOHN E. RICKARDS, - GOVERNOR.

SENATE.

ALEXANDER C. BOTKIN, LIEUT.-GOVERNOR, PRESIDENT OF THE SENATE.

DAVID E. FOLSOM, OF MEAGHER, PRESIDENT PRO TEM.

Dist.	Counties.	Names of Senators.	*Politics.	P. O. Address.	Elected.	Term Exp.
1	Beaverhead.....	George M. Brown.....	Republican..	Dillon.....	Nov. 8, 1892	Nov. 4, 1896
2	Madison.....	Alexander Metzel.....	"	Puller Springs.....	Nov. 6, 1894	Nov. 9, 1898
3	Gallatin.....	Charles W. Hoffman.....	Democrat..	Bozeman.....	Nov. 8, 1892	Nov. 4, 1896
4	Jefferson.....	George D. Greene.....	Republican..	Boulder.....	Nov. 6, 1894	Nov. 9, 1898
5	Deer Lodge.....	Charles H. Eggleston.....	Democrat..	Anaconda.....	Nov. 8, 1892	Nov. 4, 1896
6	Missoula.....	W. H. Smead.....	Republican..	Missoula.....	Nov. 6, 1894	Nov. 9, 1898
7	Lewis and Clarke.....	William L. Steele.....	Democrat..	Helena.....	Nov. 8, 1892	Nov. 4, 1896
8	Choteau.....	John W. Power.....	Republican..	Fort Benton.....	Nov. 6, 1894	Nov. 9, 1898
9	Meagher.....	David E. Folsom.....	"	White Sul. Springs.....	Nov. 8, 1892	Nov. 4, 1896
10	Silver Bow.....	Charles R. Leonard.....	"	Butte.....	Nov. 6, 1894	Nov. 9, 1898
11	Custer.....	Reno Swift.....	"	Ekalaka.....	Nov. 8, 1892	Nov. 4, 1896
12	Yellowstone.....	Albert L. Babcock.....	"	Billings.....	Nov. 6, 1894	Nov. 9, 1898
13	Dawson.....	Thomas P. Cullen.....	Democrat..	Glendive.....	Nov. 8, 1892	Nov. 4, 1896
14	Fergus.....	Edward P. Chandler.....	Republican..	Maiden.....	Nov. 6, 1894	Nov. 9, 1898
15	Park.....	George M. Hatch.....(a)	"	Big Timber.....	Nov. 8, 1892	Nov. 4, 1896
16	Cascade.....	Timothy W. Brosnan.....	Populist..	Great Falls.....	Nov. 6, 1894	Nov. 9, 1898
17	Granite.....	James M. Sligh.....	"	Granite.....	"	(b)
18	Flathead.....	William R. Ramsdell.....	"	Columbia Falls.....	"	(b)
19	Ravalli.....	Oliver C. Cooper.....	Republican..	Grantsdale.....	"	(b)
20	Valley.....	Charles S. Hurd.....	Democrat..	Glasgow.....	"	(b)
21	Teton.....	William K. Flowerree.....	"	Sun River.....	"	(b)
..	Carbon.....	None yet elected.....	.....	.....	.....	.....
..	Sweet Grass.....	None yet elected.....	.....	.....	.....	.....

(a) Now a resident of Sweet Grass County. (b) During the session of the Fourth Legislative Assembly the Senators of Granite, Flathead, Ravalli, Valley and Teton Counties drew lots for the number of their respective Districts, but the length of their respective terms was not determined. There is uncertainty as to the terms of Senators from above Counties, (See Constitution and Sections 153 and 154 Political Code.) Lieutenant Governor Botkin, President of the Senate, has advised that a test case be made and a decision obtained from the Supreme Court at an early day.

### SUBORDINATE OFFICERS—SENATE—FOURTH REGULAR SESSION.

Frederick H. Foster.....	Secretary.....	Thomas E. Amos.....	Doorkeeper.....
James B. Wells.....	Assistant Secretary.....	W. J. Wheaton.....	Janitor.....
Mrs. Maud Davis Baker.....	Enrolling Clerk.....	M. E. Hotchkiss.....	Day Watchman.....
C. E. Wight.....	Engrossing Clerk.....	Wesley Jewell.....	Night Watchman.....
E. S. Stackpole.....	Sergeant-at-Arms.....	Louis Goodman.....	Page.....
J. M. Hartley.....	Asst. Sergeant-at-Arms.....	John W. Chandler.....	Page.....
Rev. W. C. Coombs.....	Chaplain.....	.....	.....

## House of Representatives.

WILBRA H. SWETT, of Silver Bow.....Speaker.  
ALLAN R. JOY, of Park (b).....Speaker Pro Tem.

County.	Names of Representatives.	Politics.	P. O. Address.	Elected.	Term Exp.
Beaverhead.....	W. A. Jones.....	Republican..	Dillon.....	Nov. 6, 1894	Nov. 4, 1896
"	H. Knippenberg.....(a)	"	Glendale.....	"	"
Cascade.....	D. J. Tallant.....	"	Great Falls.....	"	"
"	Joseph E. Reynolds.....	"	"	"	"
"	Wm. R. Glasscock.....	"	Sand Coulee.....	"	"
"	John A. Harris.....	"	Cascade.....	"	"
Choteau.....	Andrew H. Reser.....	"	Chinook.....	"	"
Custer.....	Samuel Gordon.....	"	Miles City.....	"	"
"	James S. Hopkins.....	Democrat..	Forsyth.....	"	"
Deer Lodge.....	J. B. Losee.....	Republican..	Anaconda.....	"	"
"	O. Leiser.....	"	"	"	"
"	James Marshall.....	Populist..	"	"	"
"	Wm. Edwards.....	"	"	"	"
"	G. W. Oker.....	"	Garrison.....	"	"
Fergus.....	Willis A. Hedges.....	Republican..	Yale.....	"	"
Flathead.....	J. J. Ryan.....	Populist..	Kalispell.....	"	"
"	W. J. Sparks.....	"	"	"	"
Gallatin.....	Walter Cooper.....	Democrat..	B zeman.....	"	"
"	W. W. Alderson.....	Republican..	"	"	"
"	T. J. Lynde.....	"	Salesville.....	"	"

## HOUSE OF REPRESENTATIVES—Continued.

County.	Name.	Politics.	P. O. Address.	Elected.	Term Expires.
Granite.....	Willard Bennett.....	Republican..	Princeton.....	Nov. 6, 1894	Nov. 4, 1896
".....	Roland T. Rombauer.....	".....	".....	".....	".....
Jefferson.....	Charles R. Burkett.....	".....	Pipestone Springs	".....	".....
".....	Albert L. Love.....	".....	Toston.....	".....	".....
".....	H. E. G. Winter.....	".....	Basin.....	".....	".....
Lewis and Clarke.....	Arthur J. Craven.....	".....	Helena.....	".....	".....
".....	John Horsky.....	".....	".....	".....	".....
".....	C. K. Brown.....	Populist.....	".....	".....	".....
".....	John H. Haseby.....	".....	".....	".....	".....
".....	John H. Shober.....	".....	".....	".....	".....
".....	Joseph Oker.....	".....	Marysville.....	".....	".....
".....	Mart. Mitchell.....	".....	Helena.....	".....	".....
Madison.....	Nelson J. Isdell.....	Republican..	Pony.....	".....	".....
".....	Henry D. Rossiter.....	".....	Sheridan.....	".....	".....
Meagher.....	James T. Anderson.....	Dem and Pop	White Sul. Springs	".....	".....
".....	A. E. Spriggs.....	Populist.....	Townsend.....	".....	".....
Missoula.....	E. E. Hershey.....	Republican..	Missoula.....	".....	".....
".....	A. Hollensteiner.....	".....	".....	".....	".....
".....	J. R. Latimer.....	Populist.....	".....	".....	".....
Park.....	Allan R. Joy..... (b)	Republican..	Livingston.....	".....	".....
".....	William F. Meyer..... (c)	".....	Red Lodge.....	".....	".....
".....	William T. Collins.....	".....	Hunter's Hot Sprs.	".....	".....
Ravalli.....	Geo. T. Baggs.....	".....	Stevensville.....	".....	".....
".....	Joel J. Bond.....	Populist.....	Victor.....	".....	".....
Silver Bow.....	Edwin S. Booth.....	Republican..	Butte.....	".....	".....
".....	Edwin Bray.....	".....	".....	".....	".....
".....	Geo. A. Cook.....	".....	".....	".....	".....
".....	H. R. Cunningham.....	".....	".....	".....	".....
".....	David Lawrence.....	".....	".....	".....	".....
".....	E. H. Metcalf.....	".....	".....	".....	".....
".....	J. H. Monteath.....	".....	".....	".....	".....
".....	Howard Paschal.....	".....	".....	".....	".....
".....	J. S. Shropshire.....	".....	".....	".....	".....
".....	Wilbra H. Swett.....	".....	".....	".....	".....
Teton.....	Stephen Williams.....	".....	Choteau.....	".....	".....
Yellowstone.....	John A. Kennedy.....	".....	Billings.....	".....	".....
".....	Christian Yegen.....	".....	".....	".....	".....

## JOINT MEMBERS.

Custer and Dawson.....	J. C. Auld.....	Republican..	Glendive.....	Nov. 6, 1894	Nov. 4, 1896
Deer Lodge and Missoula	W. B. Rodgers.....	".....	Deer Lodge.....	".....	".....
Fergus and Valley.....	Rudolph von Tobel.....	".....	Lewistown.....	".....	".....

(a) Resigned. (b) Removed from State. (c) Now a resident of Carbon County.

NOTE—Carbon and Sweet Grass Counties were created by Fourth Legislative Assembly and no Senators or Representatives are yet elected.

## SUBORDINATE OFFICERS—HOUSE—FOURTH REGULAR SESSION.

E. W. Stetson.....	Chief Clerk.....	N. J. Myers.....	Doorkeeper.....
Cahs. D. French.....	Assistant Chief Clerk.....	Geo. W. Jones.....	Day Watchman.....
L. E. Manning.....	Engrossing Clerk.....	Frank Stradling.....	Night Watchman.....
J. B. Mitchell.....	Enrolling Clerk.....	B. F. Hooper.....	Janitor.....
John R. Eardley.....	Journal Clerk.....	Lawrence Peck.....	Page.....
Rev. W. C. Shippen.....	Chaplain.....	Walter Donnelly.....	Page.....
J. D. Taylor.....	Sergeant at Arms.....	J. G. Donavon.....	Page.....
Thos. Trevaile.....	Assistant Sergeant at Arms.....	C. B. Sligh.....	Page.....

## REPRESENTATIVE DISTRICTS AND APPORTIONMENT.

Under Act approved by the Governor, March 10, 1893, to continue "until otherwise provided by law." Each County is entitled to one Senator.

Counties.	Representatives.	Counties.	Representatives.
Beaverhead.....	Two — 2	Madison.....	Two — 2
Cascade.....	Four — 4	Meagher.....	Two — 2
Choteau.....	One — 1	Missoula.....	Three — 3
Custer.....	Two — 2	Valley and Fergus (joint).....	One — 1
Deer Lodge.....	Five — 5	Park.....	Three — 3
Fergus.....	One — 1	Ravalli.....	Two — 2
Flathead.....	Two — 2	Silver Bow.....	Eleven — 11
Gallatin.....	Three — 3	Yellowstone.....	One — 1
Granite.....	Two — 2	Dawson and Custer (joint).....	One — 1
Jefferson.....	Three — 3	Teton.....	One — 1
Lewis and Clarke.....	Eight — 8	Deer Lodge and Missoula (joint).....	One — 1
		Totals.....	Sixty-one—61

## County Directories.

### DISTRICT, COUNTY AND TOWNSHIP OFFICERS HOLDING JANUARY 1, 1896.

In designating Politics that of the Party placing the Candidate in nomination is given. Abbreviations: Rep. Republican; Dem., Democrat; Pop., Populist or People's Party; N. K., Not Known. In a number of counties the Clerks reporting stated uncertainty existed as to the term of County Commissioners and omitted the same. In such cases a four years term has been inserted. Where there is a question as to date of expiration of term that which custom has sanctioned is inserted pending determination. Constables having only been reported from three counties they are omitted from all in publishing.

#### BEAVERHEAD COUNTY. COUNTY SEAT, DILLON.

Office.	Name.	Official P. O. Address.	Politics.	Date Elected or Appointed	Term Expires.
Member of State Senate.....	Geo. M. Brown.....	Dillon .....	Rep .....	Nov. 8, 1892	Nov. 4, 1896
Member House of Representatives	W. A. Jones.....	Dillon .....	" .....	Nov. 6, 1894	Nov. 4, 1896
" " " "	H. Knippenberg.....	Glendale .....	" .....	" .....	(Resigned) ..
Judge 5th Judicial District.....	Frank Showers.....	Boulder .....	D. & Pop	Nov. 8, 1892	Jan. 4, 1897
County Attorney .....	E. J. Congor .....	Dillon .....	Rep .....	Nov. 6, 1894	" .....
Clerk District Court.....	R. J. Thomas.....	" .....	" .....	Nov. 8, 1892	" .....
County Commissioner.....	Geo. Galbraith.....	Deweys.....	Rep .....	Nov. 8, 1892	Jan. 4, 1897
" " " "	Henry Thompson.....	Lima.....	" .....	" .....	" .....
" " " "	O. M. Best.....(a)	Dillon .....	" .....	Nov. 6, 1894	" .....
Sheriff.....	Thomas F. Hamilton.....	Dillon .....	Rep .....	Nov. 6, 1894	Jan. 4, 1897
Treasurer.....	J. G. Shannon.....	" .....	" .....	" .....	Mar. 1, 1897
Clerk and Recorder.....	T. J. Murray.....	" .....	" .....	" .....	Jan. 4, 1897
Assessor.....	A. J. Noyes.....	" .....	" .....	" .....	" .....
Superintendent of Schools.....	Millie J. Coffin.....(b)	" .....	" .....	Sept. 6, 1895	" .....
Coroner.....	J. Cashmore.....(b)	" .....	" .....	June 5, 1895	" .....
Public Administrator.....	Josephus Rich.....	" .....	" .....	Nov. 6, 1894	" .....
County Surveyor.....	(Did not qualify).....	" .....	" .....	" .....	" .....
Justice of the Peace.....	J. R. Holden.....	Dillon .....	Rep .....	Nov. 6, 1894	Jan. 4, 1897
" " " "	Phil. D. McGough.....(c)	" .....	Dem .....	April .., 1895	April .., 1897
" " " "	Chas. Retallack.....	Bannack.....	Rep .....	June 5, 1895	Jan. 4, 1897
" " " "	J. A. Clinton.....	Lima.....	" .....	Nov. 6, 1894	" .....
" " " "	Daniel Gutting.....	" .....	" .....	" .....	" .....
" " " "	Albert A. Moe.....(d)	Glendale.....	" .....	Sept. 6, 1895	" .....
" " " "	A. M. Madison.....	Deweys.....	" .....	Nov. 6, 1894	" .....
" " " "	Thos. H. Judge.....	Bannack.....	" .....	" .....	" .....
" " " "	Wm. Montgomery.....(e)	Wisdom.....	Dem .....	Nov. 8, 1892	" .....

(a) Elected to fill unexpired term; (b) appointed for unexpired term; (c) Police Magistrate and ex-officio J. P.; (d) appointed; (e) held over.

#### CARBON COUNTY. COUNTY SEAT, RED LODGE.

Established Under Act of Legislature enacted March 4, 1895.

Member of State Senate.....	None yet elected .....	.....	.....	.....	.....
Member House of Representatives	W. F. Meyer.....(a)	Red Lodge....	Rep .....	Nov. 6, 1894	Jan. 4, 1897
Judge 6th Judicial District.....	Frank K. Henry.....	Livingston....	Rep .....	Nov. 8, 1892	Jan. 4, 1897
County Attorney.....	Geo. W. Pierson.....	Red Lodge....	" .....	Mar. 4, 1895	" .....
Clerk District Court.....	Henry E. Newkirk.....	" .....	" .....	" .....	" .....
County Commissioner.....	O. E. Millis.....	Red Lodge....	Dem .....	Mar. 4, 1895	Jan. 4, 1897
" " " "	A. A. Ellis.....	" .....	Rep .....	" .....	" .....
" " " "	R. G. Beattie.....	Joliet.....	" .....	" .....	" .....
Sheriff.....	Thos. Hogan.....	Red Lodge....	Rep .....	Mar. 4, 1895	Jan. 4, 1897
Treasurer.....	Chas. C. Bowlen.....	" .....	Dem .....	" .....	Mar. 1, 1897
Clerk and Recorder.....	E. J. McLean.....	" .....	" .....	" .....	Jan. 4, 1897
Assessor.....	Henry C. Province.....	" .....	Rep .....	" .....	" .....
Superintendent of Schools.....	Lizzie McDonald.....	" .....	Dem .....	" .....	" .....
Coroner.....	J. H. Johnson.....	" .....	Rep .....	" .....	" .....
Public Administrator.....	Gilbert Patterson.....	" .....	" .....	" .....	" .....
County Surveyor.....	Chas. E. Printz.....	" .....	" .....	" .....	" .....
Justice of the Peace.....	G. H. Heywood.....	Red Lodge....	Rep .....	May 9, 1895	Jan. 4, 1897
" " " "	Henry McIntosh.....	" .....	D. & Pop	" .....	" .....
" " " "	Edward J. Boulden.....	Rock Vale....	N. K. ....	" .....	" .....
" " " "	Orrin Clawson.....	" .....	" .....	" .....	" .....
" " " "	W. R. Crockett.....	Red Lodge....	Rep .....	" .....	" .....
" " " "	Harry Duffield.....	Joliet.....	" .....	" .....	" .....
" " " "	S. T. Simonsen.....	Absorakee....	N. K. ....	" .....	" .....
" " " "	R. O. Morris.....	Rosebud, Red Lodge.....	" .....	" .....	" .....
" " " "	George Urner.....	Clark's Fork, Joliet.....	" .....	" .....	" .....

(a) Elected as Representative in Park County before establishment of Carbon.



## CASCADE COUNTY. COUNTY SEAT, GREAT FALLS.

Office.	Name.	Official P. O. Address.	Politics.	Date Elected or Appointed	Term Expires.
Member of State Senate.....	Timothy W. Brosnan.....	Great Falls.....	Pop.....	Nov. 6, 1894	Nov. 9, 1898
Member House of Representatives	D. J. Tallant.....	Great Falls.....	Rep.....	Nov. 6, 1894	Nov. 4, 1896
" " "	John A. Harris.....	Cascade.....	".....	".....	".....
" " "	Wm. R. Glasscock.....	Sand Coulee.....	".....	".....	".....
" " "	Joseph E. Reynolds.....	Great Falls.....	".....	".....	".....
Judge 5th Judicial District.....	Chas. H. Benton.....	Great Falls.....	Rep.....	Nov. 8, 1892	Jan. 4, 1897
County Attorney.....	James W. Freeman.....	".....	".....	Nov. 6, 1894	".....
Clerk District Court.....	W. M. Cockrill.....	".....	Dem.....	Nov. 8, 1892	".....
County Commissioner.....	John J. Ellis.....	Great Falls.....	Rep.....	Nov. 8, 1892	Jan. 4, 1897
" " "	S. N. Dickey.....	Belt.....	".....	".....	".....
" " "	A. G. Hay.....	Armington.....	Dem.....	".....	".....
Sheriff.....	Wm. R. Dwyer.....	Great Falls.....	Rep.....	Nov. 6, 1894	Jan. 4, 1897
Treasurer.....	A. E. Dickerman.....	".....	".....	".....	Mar. 1, 1897
Clerk and Recorder.....	L. M. McDonnell.....	".....	Pop.....	".....	Jan. 4, 1897
Assessor.....	Chas. D. Elliot.....	".....	Rep.....	".....	".....
Auditor.....	W. P. Beachly.....	".....	".....	".....	".....
Superintendent of Schools.....	Geo. B. Swan.....	".....	".....	".....	".....
Coroner.....	J. L. Weltman.....	".....	".....	".....	".....
Public Administrator.....	Samuel Dean.....	Sand Coulee.....	".....	".....	".....
County Surveyor.....	John E. French.....	Great Falls.....	".....	".....	".....
Game Warden.....	Patrick J. Shields.....	".....	".....	Sept. 3, 1895	".....
Justice of the Peace.....	W. B. Burleigh.....	Great Falls.....	Rep.....	Nov. 6, 1894	Jan. 4, 1897
" " "	W. H. Race.....	".....	".....	".....	".....
" " "	Wm. MacQueen.....	Belt.....	".....	June 4, 1895	".....
" " "	W. C. Lee.....	Kibbey.....	".....	".....	".....
" " "	R. S. Ball.....	Sand Coulee.....	".....	Mar. 5, 1895	".....
" " "	John P. Fitzgerald.....	Belt.....	Dem.....	Dec. 2, 1895	".....
" " "	R. M. Stickney.....	Stickney.....	Rep.....	Nov. 6, 1894	".....
" " "	J. B. Traxier.....	Sun River.....	".....	".....	".....

## CHOTEAU COUNTY. COUNTY SEAT, FORT BENTON.

Member of State Senate.....	John W. Power.....	Fort Benton.....	Rep.....	Nov. 6, 1894	Nov. 9, 1898
Member House of Representatives	Andrew H. Reser.....	Chinook.....	Rep.....	Nov. 6, 1894	Nov. 4, 1896
Judge 10th Judicial District.....	Dudley DuBose.....	Fort Benton.....	Dem.....	Nov. 8, 1892	Jan. 4, 1897
County Attorney.....	Bernard L. Powers.....	".....	Rep.....	Nov. 6, 1894	".....
Clerk District Court.....	Thomas Healey.....	".....	Dem.....	Nov. 8, 1892	".....
County Commissioner.....	Jere Sullivan.....	Fort Benton.....	Rep.....	Mar. 18, 1895	Jan. 4, 1897
" " "	Thomas Clary.....	".....	Dem.....	Nov. 8, 1892	".....
" " "	C. H. Barton.....	Harlem.....	Rep.....	".....	".....
Sheriff.....	G. B. McLaughlin.....	Fort Benton.....	Rep.....	Nov. 6, 1894	Jan. 4, 1897
Treasurer.....	John C. Duff.....	".....	".....	".....	Mar. 1, 1897
Clerk and Recorder.....	E. Frank Sayre.....	".....	".....	".....	Jan. 4, 1897
Assessor.....	A. G. Staton.....	".....	".....	".....	".....
Superintendent of Schools.....	Marjory Jacoby.....	".....	".....	".....	".....
Coroner.....	Robert S. Culbertson.....	".....	".....	".....	".....
Public Administrator.....	Daniel Dutro.....	".....	".....	".....	".....
County Surveyor.....	Mowry A. Arnold.....	".....	".....	".....	".....
Justice of the Peace.....	H. C. Reynolds.....	Chinook.....	Rep.....	Nov. 6, 1894	Jan. 4, 1897
" " "	George W. Crane.....	Fort Benton.....	".....	".....	".....
" " "	Henry J. Meili.....	Havre.....	Dem.....	".....	".....
" " "	P. J. McIntyre.....	".....	".....	".....	".....
" " "	C. M. Everett.....	Harlem.....	Rep.....	".....	".....
" " "	Ephraim Nottingham.....	Highwood.....	Dem.....	".....	".....

## CUSTER COUNTY. COUNTY SEAT, MILES CITY.

Member of State Senate.....	Reno Swift.....	Ekalaka.....	Rep.....	Nov. 8, 1892	Nov. 4, 1896
Member House of Representatives	Samuel Gordon.....	Miles City.....	Rep.....	Nov. 6, 1894	Nov. 4, 1896
" " "	James S. Hopkins.....	Forsyth.....	Dem.....	".....	".....
Joint Member (Custer and Dawson)	J. C. Auld.....	Glendive.....	Rep.....	".....	".....
Judge 7th Judicial District.....	George R. Milburn.....	Miles City.....	Dem.....	Nov. 8, 1892	Jan. 4, 1897
County Attorney.....	Charles H. Loud.....	".....	Rep.....	Nov. 6, 1894	".....
Clerk District Court.....	W. J. Zimmerman.....	".....	".....	Nov. 8, 1892	".....

## CUSTER COUNTY—CONTINUED.

Office.	Name.	Official P. O. Address.	Politics.	Date elected or appointed.	Term Expires.
County Commissioner .....	Judson W. Watson .....	Miles City .....	Rep .....	Nov. 8, 1892	Jan. 4, 1897
" " .....	William Harmon .....	" " .....	" " .....	" " .....	" " .....
" " .....	T. E. Hammond .....	Forsyth .....	" " .....	" " .....	" " .....
Sheriff .....	James B. Hawkins .....	Miles City .....	Pop .....	Nov. 6, 1894	Jan. 4, 1897
Treasurer .....	John S. Truscott .....	" " .....	Dem .....	" " .....	Mar. 1, 1897
Clerk and Recorder .....	A. H. Swerdfiger .....	" " .....	Rep .....	" " .....	Jan. 4, 1897
Assessor .....	John I. Zook .....	" " .....	Dem .....	" " .....	" " .....
Superintendent of Schools .....	Miss Louisa Cooley .....	" " .....	Rep .....	" " .....	" " .....
Coroner .....	Patton G. Whited .....	" " .....	Ind .....	" " .....	" " .....
Public Administrator .....	Louis Bach .....	" " .....	Rep .....	" " .....	" " .....
County Surveyor .....	C. B. Taber .....	Forsyth .....	" " .....	" " .....	" " .....
Justice of the Peace .....	John Gibb .....	Miles City .....	Rep .....	Nov. 6, 1894	Jan. 4, 1897
" " .....	John A. DeBerge .....	Forsyth .....	" " .....	" " .....	" " .....
" " .....	J. L. Joosten .....	Rancher .....	Rep .....	" " .....	" " .....
" " .....	J. W. Smith .....	Terry .....	" " .....	" " .....	" " .....
" " .....	Geo. Mendenhall .....	Rosebud .....	Dem .....	" " .....	" " .....
" " .....	C. E. Pierce .....	" " .....	Rep .....	" " .....	" " .....

## DAWSON COUNTY. COUNTY SEAT, GLENDIVE.

Member of State Senate .....	Thomas P. Cullen .....	Glendive .....	Dem .....	Nov. 8, 1892	Nov. 4, 1896
Member House of Representatives Joint (Dawson and Custer) .....	J. C. Auld .....	Glendive .....	Rep .....	Nov. 6, 1894	Nov. 4, 1896
Judge 7th Judicial District .....	Geo. R. Milburn .....	Miles City .....	Dem .....	Nov. 8, 1892	Jan. 4, 1897
County Attorney .....	Thomas C. Holmes .....	Glendive .....	Rep .....	Nov. 6, 1894	Nov. 4, 1896
Clerk District Court .....	Chas. F. Bean .....	" " .....	" " .....	Nov. 8, 1892	Jan. 4, 1897
County Commissioner .....	Harry Helms .....	Glendive .....	Dem .....	Nov. 8, 1892	Jan. 4, 1897
" " .....	William Lindsay .....	" " .....	Rep .....	" " .....	" " .....
" " .....	Andrew Smith .....	Mingusville .....	Dem .....	" " .....	" " .....
Sheriff .....	Dominick Cavanaugh .....	Glendive .....	Dem .....	Nov. 6, 1894	Jan. 4, 1897
Treasurer .....	Henry Dieon .....	" " .....	Rep .....	" " .....	Mar. 1, 1897
Clerk and Recorder .....	James McCormick .....	" " .....	" " .....	" " .....	Jan. 4, 1897
Assessor .....	James M. Rhoades .....	" " .....	" " .....	" " .....	" " .....
Superintendent of Schools .....	C. R. A. Scobey .....	" " .....	" " .....	" " .....	" " .....
Coroner .....	Thomas J. Pollard .....	" " .....	" " .....	" " .....	" " .....
Public Administrator .....	William Lowe .....	" " .....	" " .....	" " .....	" " .....
County Surveyor .....	(Vacant) .....	" " .....	" " .....	" " .....	" " .....
Justice of the Peace .....	Archibald Morton .....	Glendive .....	Rep .....	Nov. 6, 1894	Jan. 4, 1897
" " .....	Benjamin F. Peer .....	Sidney .....	Dem .....	" " .....	" " .....
" " .....	John B. Randall .....	Pearmond .....	" " .....	June 6, 1895	" " .....
" " .....	L. N. Allen .....	Mingusville .....	" " .....	June 4, 1895	" " .....

## DEER LODGE COUNTY. COUNTY SEAT, DEER LODGE.

Member of State Senate .....	C. H. Eggleston .....	Anaconda .....	Dem .....	Nov. 8, 1892	Nov. 4, 1896
Member House of Representatives .....	J. B. Losee .....	Anaconda .....	Rep .....	Nov. 6, 1894	Nov. 4, 1896
" " .....	O. Leier .....	" " .....	" " .....	" " .....	" " .....
" " .....	G. W. Oker .....	Garrison .....	Pop .....	" " .....	" " .....
" " .....	Jas. Marshall .....	Anaconda .....	" " .....	" " .....	" " .....
" " .....	Wm. Edwards .....	" " .....	" " .....	" " .....	" " .....
(Joint with Missoula County) .....	W. B. Rodgers .....	Deer Lodge .....	Rep .....	" " .....	" " .....
Judge 3rd Judicial District .....	Theodore H. Brantly .....	Deer Lodge .....	Rep .....	Nov. 8, 1892	Jan. 4, 1897
County Attorney .....	W. H. Trippet .....	" " .....	Dem .....	Nov. 6, 1894	" " .....
Clerk District Court .....	John G. Morony .....	" " .....	" " .....	Nov. 8, 1892	" " .....
County Commissioner .....	H. B. Hoffman .....	Deer Lodge .....	Rep .....	Nov. 6, 1894	Jan. 4, 1897
" " .....	A. M. Walker .....	Anaconda .....	Dem .....	" " .....	" " .....
" " .....	C. H. Williams .....	" " .....	Pop .....	" " .....	" " .....
Sheriff .....	John Fitzpatrick .....	Wash. Gulch .....	Dem .....	Nov. 6, 1894	Jan. 4, 1897
Treasurer .....	D. F. Hallahan .....	Anaconda .....	Pop .....	" " .....	Mar. 1, 1897
Clerk and Recorder .....	Jno. B. Fisher .....	Deer Lodge .....	Rep .....	" " .....	Jan. 4, 1897
Assessor .....	J. H. Schwend .....	Race Track .....	Pop .....	" " .....	" " .....
Auditor .....	Geo. S. Miller .....	Deer Lodge .....	Dem .....	" " .....	" " .....

## DEER LODGE COUNTY—CONTINUED.

Office.	Name.	Official P. O. Address.	Politics.	Date Elected or Appointed	Term Expires.
Superintendent of Schools.....	Miss E. L. Thomson.....	Deer Lodge.....	Rep.....	Nov. 6, 1894	Jan. 4, 1897
Coroner.....	A. Hardenbrook.....	Anaconda.....	Dem.....	"	"
Public Administrator.....	Chas. B. Taylor.....	".....	Pop.....	"	"
County Surveyor.....	J. P. Mitchell.....	Deer Lodge.....	".....	"	"
Justice of the Peace.....	J. M. Hartwell.....	Deer Lodge.....	Rep.....	Nov. 6, 1894	Jan. 4, 1897
".....	F. M. Fox.....	Anaconda.....	Pop.....	"	"
".....	D. A. Carey.....	Elliston.....	".....	"	"
".....	Godfrey LaSalle.....	".....	".....	"	"
".....	George Johnson.....	Race Track.....	Rep.....	Jan. 8, 1895	"
".....	T. B. Mannix.....	Helmville.....	".....	Mar. 13, 1895	"
".....	B. F. Brown.....	Garrison.....	Dem.....	Sept. 7, 1895	"
".....	J. M. Kennedy.....	Anaconda.....	".....	Nov. 16, 1895	"
".....	Chas. A. Jakways.....	Ovando.....	Rep.....	(Held over)...	"

## FERGUS COUNTY. COUNTY SEAT, LEWISTOWN.

Member of State Senate.....	Edward P. Chandler.....	Maiden.....	Rep.....	Nov. 6, 1894	Nov. 9, 1898
Member House of Representatives	Willis A. Hedges.....	Yale.....	Rep.....	Nov. 6, 1894	Nov. 4, 1896
" Joint with Valley	Rudolf Von Tobel.....	Lewistown.....	".....	"	"
Judge Tenth Judicial District.....	Dudley DuBose.....	Ft. Benton.....	Dem.....	Nov. 8, 1892	Jan. 4, 1897
County Attorney.....	Frank E. Smith.....	Lewistown.....	Rep.....	Nov. 6, 1894	"
Clerk District Court.....	Daniel A. Meagher.....	".....	".....	Nov. 8, 1892	"
County Commissioner.....	Clarence M. Goodell.....	Philbrook.....	Rep.....	Nov. 6, 1894	Jan. 2, 1899
".....	Henry O. Wareham.....	Denton.....	Dem.....	Nov. 8, 1892	"
".....	A. W. Bower.....	Stanford.....	Rep.....	Jan. 4, 1895	Jan. 4, 1897
Sheriff.....	John D. Waite.....	Utica.....	Rep.....	Nov. 6, 1894	Jan. 4, 1897
Treasurer.....	George W. Cook.....	Lewistown.....	".....	"	Mar. 1, 1897
Clerk and Recorder.....	William S. Perkins.....	Alpine.....	".....	"	Jan. 4, 1897
Assessor.....	James M. Croft.....	Stanford.....	".....	"	"
Superintendent of Schools.....	Horace A. Moulton.....	Grass Range.....	".....	"	"
Coroner.....	Cliff Lindsay.....	Lewistown.....	".....	"	"
Public Administrator.....	Edward Brassey.....	".....	".....	"	"
County Surveyor.....	George M. Stafford.....	".....	".....	"	"
Justice of the Peace.....	David Carlisle.....	Ubet.....	Dem.....	Nov. 6, 1894	Jan. 4, 1897
".....	Robert E. Guggell.....	Lewistown.....	Rep.....	"	"
".....	Wm. T. McFarland.....	".....	".....	"	"
".....	J. M. Beatty.....	Maiden.....	N. K.....	"	"
".....	J. H. Charters.....	Grass Range.....	Rep.....	"	"
".....	Hugh Green.....	Gilt Edge.....	".....	Appointed	"
".....	Orlando Sawyer.....	".....	".....	"	"
".....	John Ferguson.....	Utica.....	".....	"	"
".....	W. T. Swope.....	Christina.....	Dem.....	"	"
".....	John A. J. Dawes.....	Ubet.....	".....	"	"
".....	Emil Plum.....	Maiden.....	Rep.....	"	"

## FLATHEAD COUNTY. COUNTY SEAT, KALISPELL.

Members of State Senate.....	William R. Ramsdell.....	Columbia Falls.....	Pop.....	Nov. 6, 1894	Nov. 9, 1898
Member House of Representatives	J. J. Ryan.....	Kalispell.....	Pop.....	Nov. 6, 1894	Nov. 4, 1896
".....	W. J. Sparks.....	".....	".....	"	"
Judge 11th Judicial District.....	C. W. Pomeroy.....	Kalispell.....	Rep.....	Mar. 8, 1895	Jan. 4, 1897
County Attorney.....	Sidney M. Logan.....	".....	Pop.....	Nov. 6, 1894	"
Clerk District Court.....	Andrew W. Swaney.....	".....	Rep.....	"	"
County Commissioner.....	Fred Cooke.....	Columbia Falls.....	Rep.....	Nov. 6, 1894	Jan. 2, 1899
".....	Wm. G. Fitzpatrick.....	".....	Pop.....	"	"
".....	E. L. Preston.....	Troy.....	Rep.....	"	"
Sheriff.....	Horace H. Baldwin.....	Kalispell.....	Pop.....	Nov. 6, 1894	Jan. 4, 1897
Treasurer.....	Andrew J. King.....	".....	Dem.....	"	Mar. 1, 1897
Clerk and Recorder.....	Michel Theriault.....	".....	".....	"	Jan. 4, 1897
Assessor.....	J. B. Gibson.....	".....	Rep.....	"	"
Superintendent of Schools.....	P. N. Bernard.....	".....	".....	"	"
Coroner.....	J. M. Mettler.....	".....	".....	June 6, 1895	"
Public Administrator.....	Hugh Swaney.....	".....	".....	Nov. 6, 1894	"
County Surveyor.....	A. L. Jaquith.....	".....	".....	June 6, 1895	"

## THIRD ANNUAL REPORT OF BUREAU

## FLATHEAD COUNTY—CONTINUED.

Office.	Names.	Official P. O. Address.	Politics.	Date elected or appointed.	Term Expires.
Justice of the Peace .....	C. H. Foot .....	Kalispell .....	Rep .....	Nov. 6, 1894	Jan. 4, 1897
" " .....	F. H. Nash .....	" .....	" .....	" .....	" .....
" " .....	D. P. Boyle .....	Libby .....	Dem. ....	" .....	" .....
" " .....	J. Z. Clark .....	" .....	Rep .....	" .....	" .....
" " .....	Maurice Downey .....	Troy .....	Pop .....	" .....	" .....
" " .....	A. A. Mullin .....	" .....	" .....	" .....	" .....
" " .....	John Lang .....	Creston .....	" .....	" .....	" .....
" " .....	George Paul .....	Holt .....	" .....	" .....	" .....
" " .....	George Kirk, Jr. ....	Demersville .....	Rep .....	" .....	" .....
" " .....	H. H. Garr .....	Columbia Falls .....	Dem. ....	" .....	" .....
" " .....	Wm. Valentine .....	" .....	Pop .....	" .....	" .....
" " .....	W. H. Murray .....	Tobacco Plains .....	Rep .....	" .....	" .....
" " .....	Nap. Peters .....	" .....	" .....	" .....	" .....

## GALLATIN COUNTY. COUNTY SEAT, BOZEMAN.

Member of State Senate .....	Charles W. Hoffman .....	Bozeman .....	Dem. ....	Nov. 8, 1892	Nov. 4, 1896
Member House of Representatives .....	Walter Cooper .....	Bozeman .....	Dem. ....	Nov. 6, 1894	Nov. 4, 1896
" " .....	W. W. Alderson .....	" .....	Rep .....	" .....	" .....
" " .....	T. J. Lynde .....	Salesville .....	" .....	" .....	" .....
Judge 9th Judicial District .....	Francis K. Armstrong .....	Bozeman .....	Dem. ....	Nov. 8, 1892	Jan. 4, 1897
County Attorney .....	W. L. Holloway .....	" .....	Rep .....	Nov. 6, 1894	" .....
Clerk District Court .....	John McLeod .....	" .....	Dem. ....	Nov. 8, 1892	" .....
County Commissioner .....	George W. Ellis .....	Bozeman .....	Dem. ....	Nov. 8, 1892	Jan. 4, 1897
" " .....	George Kinkle, Jr. ....	Manhattan .....	" .....	" .....	" .....
" " .....	Zadoc S. Morgan .....	Gallop .....	" .....	" .....	" .....
Sheriff .....	White Caldwell .....	Bozeman .....	Dem. ....	Nov. 6, 1894	Jan. 4, 1897
Treasurer .....	W. C. Newton .....	" .....	Rep .....	" .....	Mar. 1, 1897
Clerk and Recorder .....	W. H. Sales .....	" .....	" .....	" .....	Jan. 4, 1897
Assessor .....	R. T. Barnett .....	" .....	" .....	" .....	" .....
Superintendent of Schools .....	A. J. Walrath .....	" .....	" .....	" .....	" .....
Coroner .....	R. M. Whitefoot .....	" .....	" .....	" .....	" .....
Public Administrator .....	J. P. Martin .....	" .....	Dem. ....	" .....	" .....
County Surveyor .....	C. M. Thorpe .....	" .....	" .....	" .....	" .....
Justice of the Peace .....	A. D. McPherson .....	Bozeman .....	Dem. ....	Nov. 6, 1894	Jan. 4, 1897
" " .....	W. J. Stevenson .....	" .....	Rep .....	" .....	" .....
" " .....	T. G. Lemons .....	Salesville .....	Dem. ....	" .....	" .....
" " .....	Thomas B. Quaw .....	Belgrade .....	Dem. ....	" .....	" .....
" " .....	W. P. Hancock .....	Manhattan .....	Rep .....	" .....	" .....
" " .....	J. H. Carls .....	Willow Creek .....	Dem. ....	" .....	" .....
" " .....	Owen E. Thomas .....	Logan .....	" .....	" .....	" .....

## GRANITE COUNTY. COUNTY SEAT, PHILIPSBURG.

Member of State Senate .....	James M. Sligh .....	Granite .....	Rep .....	Nov. 6, 1894	Nov. 9, 1898
Member House of Representatives .....	Willard Bennett .....	Princeton .....	Rep .....	Nov. 6, 1894	Nov. 4, 1896
" " .....	Roland T. Rombauer .....	" .....	" .....	" .....	" .....
Judge 3d Judicial District .....	Theodore H. Brantley .....	Deer Lodge (D L. County) .....	Rep .....	Nov. 8, 1892	Jan. 4, 1897
County Attorney .....	William E. Moore .....	Philipsburg .....	" .....	Nov. 6, 1894	" .....
Clerk District Court .....	Josiah Shull .....	" .....	" .....	" .....	" .....
County Commissioner .....	E. I. Holland .....	Philipsburg .....	Rep .....	Nov. 6, 1894	Jan. 2, 1899
" " .....	Valentine Jacky .....	" .....	Dem. ....	" .....	" .....
" " .....	Benjamin Pizer .....	" .....	Rep .....	" .....	" .....
Sheriff .....	Levi C. Johnson .....	Philipsburg .....	Rep .....	Nov. 6, 1894	Jan. 4, 1897
Treasurer .....	A. A. Fairbairn .....	" .....	Dem. ....	Feb. 21, 1895	Mar. 1, 1897
Clerk and Recorder .....	G. J. Reek .....	" .....	" .....	Nov. 6, 1894	Jan. 4, 1897
Assessor .....	A. S. Huffman .....	" .....	" .....	" .....	" .....
Superintendent of Schools .....	C. B. Stevens .....	" .....	Rep .....	" .....	" .....
Coroner .....	H. H. Briggs .....	" .....	" .....	" .....	" .....
Public Administrator .....	W. T. Allison .....	" .....	" .....	" .....	" .....
County Surveyor .....	George W. Wilson .....	" .....	Pop .....	" .....	" .....
Justice of the Peace .....	John H. Miller .....	Philipsburg .....	Dem. ....	Nov. 6, 1894	Jan. 4, 1897
" " .....	George W. Commons .....	Drummond .....	Rep .....	" .....	" .....
" " .....	R. M. Ferguson .....	New Chicago .....	" .....	" .....	" .....
" " .....	George Suppiger .....	Philipsburg .....	Dem. ....	Dec. 6, 1895	" .....
" " .....	Peter Gallagher .....	Granite .....	" .....	Jan. 14, 1895	" .....

(a) In place of John Nixon, deceased.

## JEFFERSON COUNTY. COUNTY SEAT, BOULDER.

Office.	Name.	Official P. O. Address.	Politics.	Date Elected or Appointed	Term Expires.
Member of State Senate.....	George D. Greene.....	Boulder .....	Rep .....	Nov. 6, 1894	Nov. 9, 1898
Member House of Representatives	Charles R. Burkett.....	Pipestone Spgs	Rep .....	Nov. 6, 1894	Nov. 4, 1896
" " " "	Albert L. Love.....	Toston .....	" .....	" .....	" .....
" " " "	Harry E. G. Winter.....	Basin .....	" .....	" .....	" .....
Judge 5th Judicial District.....	Frank Showers.....	Boulder .....	D. & Pop	Nov. 8, 1892	Jan. 4, 1897
County Attorney.....	William L. Hay.....	" .....	Rep .....	Nov. 6, 1894	" .....
Clerk District Court.....	Henry G. Rickerts.....	" .....	Dem.....	Nov. 8, 1892	" .....
County Commissioner.....	John F. Sheehy.....	Boulder .....	Dem.....	Nov. 8, 1892	Jan. 4, 1897
" " " "	George Benjamin.....	Elkhorn .....	Rep .....	" .....	" .....
" " " "	Jesse Patterson.....	Boulder .....	" .....	" .....	" .....
Sheriff.....	Alexander P. Gilliam.....	Boulder .....	Dem.....	Nov. 6, 1894	Jan. 4, 1897
Treasurer .....	William V. Meyers.....	" .....	Rep .....	" .....	Mar. 1, 1897
Clerk and Recorder.....	Eugene Picot.....	" .....	Dem.....	" .....	Jan. 4, 1897
Assessor .....	James F. Wood.....	" .....	Rep .....	" .....	" .....
Superintendent of Schools.....	Nannita M. V. Bagley.....	" .....	Pop .....	" .....	" .....
Coroner .....	Edgar I. Fletcher.....	" .....	Rep .....	" .....	" .....
Public Administrator.....	David Hoopes.....	" .....	" .....	" .....	" .....
County Surveyor.....	Edward R. McNeill.....	" .....	Dem.....	" .....	" .....
Justice of the Peace.....	William T. Sweet.....	Boulder .....	Dem.....	Nov. 6, 1894	Jan. 4, 1897
" " " "	D. G. Warner.....	" .....	" .....	" .....	" .....
" " " "	C. W. Reynolds.....	Winston.....	Pop .....	" .....	" .....
" " " "	Ross E. Deegan.....	" .....	" .....	" .....	" .....
" " " "	John Ritchhart.....	Radersburg.....	Rep .....	" .....	" .....
" " " "	Isaac Griffith.....	Basin .....	Rep .....	" .....	" .....
" " " "	T. C. Kelly.....	" .....	Pop .....	" .....	" .....
" " " "	A. M. Williams.....	Lump.....	N. K.....	Appointed ..	" .....

## LEWIS AND CLARKE COUNTY. COUNTY SEAT, HELENA.

Member of State Senate.....	William L. Steele.....	Helena .....	Dem.....	Nov. 8, 1892	Nov. 4, 1896
Member House of Representatives	C. K. Brown.....	Helena .....	Pop .....	Nov. 6, 1894	Nov. 4, 1896
" " " "	Michael Corbett.....	" .....	" .....	" .....	" .....
" " " "	Arthur J. Craven.....	" .....	Rep .....	" .....	" .....
" " " "	John Horsky.....	" .....	" .....	" .....	" .....
" " " "	John H. Huseby.....	" .....	Pop .....	" .....	" .....
" " " "	Mart Mitchell.....	" .....	" .....	" .....	" .....
" " " "	Joseph Oker.....	" .....	" .....	" .....	" .....
" " " "	John H. Shober.....	" .....	" .....	" .....	" .....
Judge 1st Judicial District.....	Horace R. Buck.....	Helena .....	Dem.....	Nov. 8, 1892	Jan. 4, 1897
" " " "	Henry N. Blake.....	" .....	Rep .....	Jan. 17, 1895	" .....
County Attorney.....	R. R. Purcell.....	" .....	" .....	Nov. 6, 1894	" .....
Clerk District Court.....	Jesse C. Ricker.....	" .....	" .....	Nov. 8, 1892	" .....
County Commissioner.....	Sherwood Wheaton.....	Helena .....	Rep .....	Dec. 4, 1894	Jan. 4, 1897
" " " "	Elizur Beach.....	Augusta .....	Dem.....	Nov. 8, 1892	" .....
" " " "	William Muth.....	Helena .....	" .....	" .....	" .....
Sheriff.....	J. H. Jurgens.....	Helena .....	Pop .....	Nov. 6, 1894	Jan. 4, 1897
Treasurer .....	Eugene S. French.....	" .....	Rep .....	" .....	Mar. 1, 1897
Clerk and Recorder.....	John S. Looker.....	" .....	" .....	" .....	Jan. 4, 1897
Assessor.....	Jacob Fisher.....	" .....	Dem.....	" .....	" .....
Auditor.....	James S. Featherly.....	" .....	Rep .....	" .....	" .....
Superintendent of Schools.....	Minnie A. Reifenrath.....	" .....	" .....	" .....	" .....
Coroner .....	T. H. Pleasants, M. D.....	" .....	Dem.....	Appointed	" .....
Public Administrator.....	John Workman.....	" .....	Pop .....	Nov. 6, 1894	" .....
County Surveyor.....	Paul S. A. Bickell.....	" .....	Rep .....	" .....	" .....
Justice of the Peace.....	Alfred C. Votaw.....	Helena .....	Rep .....	Nov. 6, 1894	Jan. 4, 1897
" " " "	Benjamin F. Woodman.....	" .....	" .....	" .....	" .....
" " " "	James F. Brady.....	Marysville.....	Dem.....	" .....	" .....
" " " "	George W. Paabury.....	" .....	Pop .....	" .....	" .....
" " " "	S. T. Ramsey.....	East Helena.....	Dem.....	" .....	" .....
" " " "	J. L. B. Meyer.....	Augusta .....	Rep .....	" .....	" .....
" " " "	Thomas Gibson.....	Craig.....	Ind.....	" .....	" .....

## MADISON COUNTY. COUNTY SEAT, VIRGINIA CITY.

Member of State Senate.....	Alexander Metzel.....	Puller Springs	Rep . . .	Nov. 6, 1894	Nov. 9, 1898
Member House of Representatives	Nelson J. Isdell.....	Pony .....	Rep .....	Nov. 6, 1894	Nov. 4, 1896
" " " "	Henry D. Rossiter.....	Sheridan .....	" .....	" .....	" .....

## MADISON COUNTY—CONTINUED.

Office.	Name.	Official P. O. Address.	Politics.	Date Elected or Appointed	Term Expires.
Judge 5th Judicial District.....	Frank Showers.....	Boulder .....	D. & Pop	Nov. 8, 1892	Jan. 4, 1897
County Attorney.....	Llewellyn L. Callaway...	Virginia City..	Rep .....	Nov. 6, 1894	"
Clerk District Court.....	Thomas Duncan.....	" .....	" .....	Nov. 8, 1892	"
County Commissioner.....	Jacob S. Crisman.....	Jefferson Isl'd.	Rep .....	Nov. 8, 1892	Jan. 4, 1897
" .....	George Capp.....	Sheridan .....	" .....	" .....	"
" .....	Joseph Smith.....	Virginia City..	" .....	May 22, 1895	"
Sheriff.....	Joseph I. Haines.....	Virginia City..	Dem .....	Nov. 6, 1894	Jan. 4, 1897
Treasurer.....	Jacob Albright.....	" .....	Rep .....	" .....	Mar. 1, 1897
Clerk and Recorder.....	Barclay Jones.....	" .....	" .....	" .....	Jan. 4, 1897
Assessor.....	William J. Foreman.....	" .....	Dem .....	" .....	"
Superintendent of Schools.....	Della H. Wilcomb.....	Laurin .....	" .....	" .....	"
Coroner.....	Charles A. McNulty.....	Virginia City..	Rep .....	" .....	"
Public Admin strator.....	Julian A. Knight.....	" .....	Dem .....	" .....	"
County Surveyor.....	Charles W. Mead.....	" .....	Rep .....	" .....	"
Justice of the Peace.....	Archibald McGown.....	Virginia City..	D. & Pop	Dec. 9, 1895	Jan. 4, 1897
" .....	N. D. Johnson.....	" .....	Dem .....	" .....	"
" .....	H. M. Fitch.....	Sheridan .....	Rep .....	Nov. 6, 1894	"
" .....	H. P. Gould.....	Twin Bridges..	Dem .....	Dec. 12, 1894	"
" .....	Patrick Carney.....	Fish Creek.....	" .....	Dec. 9, 1895	"
" .....	W. S. Duncan.....	Pony .....	" .....	June 9, 1895	"
" .....	Robert Hedge.....	Wash'gt'n Bar	" .....	Nov. 6, 1895	"
" .....	Oliver G. Smith.....	Ennis .....	" .....	Nov. 6, 1894	"

## MEAGHER COUNTY. COUNTY SEAT, WHITE SULPHUR SPRINGS.

Member of State Senate.....	David E. Folsom.....	W. S. Springs.	Rep .....	Nov. 8, 1892	Nov. 4, 1896
Member House of Representatives	James T. Anderson.....	W. S. Springs.	D. & Pop	Nov. 6, 1894	Nov. 4, 1896
" .....	A. F. Spriggs.....	Townsend.....	" .....	" .....	"
Judge 9th Judicial District.....	Francis K. Armstrong...	Bozeman .....	Dem .....	Nov. 8, 1892	Jan. 4, 1897
County Attorney.....	A. C. Gornuley.....	W. S. Springs.	D. & Pop	Nov. 6, 1894	"
Clerk District Court.....	B. W. Badger.....	" .....	Rep .....	Nov. 8, 1892	"
County Commissioner.....	J. A. McNaught.....	Martinsdale ..	Rep .....	Nov. 8, 1892	Jan. 4, 1897
" .....	Job Thompson, Sr.....	Townsend .....	" .....	" .....	"
" .....	William Tierney.....	Neihart .....	Dem .....	" .....	"
Sheriff.....	W. H. McKnight.....	W. S. Springs.	Rep .....	Nov. 6, 1894	Jan. 4, 1897
Treasurer.....	Allen Pierce.....	" .....	D. & Pop	" .....	Mar. 1, 1897
Clerk and Recorder.....	Charles W. Hill.....	" .....	Rep .....	" .....	Jan. 4, 1897
Assessor.....	James Job.....	" .....	D. & Pop	" .....	"
Superintendent of Schools.....	Miss S. E. Curtis.....	" .....	" .....	" .....	"
Coroner.....	J. M. Kump.....	" .....	" .....	" .....	"
Public Administrator.....	(Vacant).....	" .....	" .....	" .....	"
County Surveyor.....	" .....	" .....	" .....	" .....	"
Justice of the Peace.....	John L. Loyd.....	Townsend .....	Rep .....	Nov. 6, 1894	Jan. 4, 1897
" .....	H. L. Keene.....	Canton .....	Dem .....	" .....	"
" .....	Cyrus Nelson.....	York .....	Pop .....	" .....	"
" .....	E. G. Hartfield.....	W. S. Springs.	D. & Pop	" .....	"
" .....	J. N. Harder.....	Castle .....	Dem .....	" .....	"
" .....	W. W. Parker.....	" .....	Rep .....	" .....	"
" .....	Frank S. Webster.....	Winnicoek .....	" .....	" .....	"
" .....	G. M. Gray.....	Neihart .....	D. & Pop	" .....	"
" .....	Geo. L. McGibbon.....	" .....	" .....	" .....	"
" .....	J. H. Williams.....	Barker .....	Dem .....	" .....	"
" .....	John G. Lilly.....	" .....	" .....	" .....	"

## MISSOULA COUNTY. COUNTY SEAT, MISSOULA.

Member of State Senate.....	W. H. Smead.....	Missoula .....	Rep .....	Nov. 6, 1894	Nov. 9, 1898
Member House of Representatives	E. E. Hershey.....	Missoula .....	Rep .....	Nov. 6, 1894	Nov. 4, 1896
" .....	A. Hollensteiner.....	" .....	" .....	" .....	"
" .....	J. R. Latimer.....	" .....	Pop .....	" .....	"
" .....	W. B. Rodgers.....	Deer Ldg. DLC	Rep .....	" .....	"
Judge Fourth Judicial District...	Frank H. Woody .....	Missoula .....	Dem .....	Nov. 8, 1892	Jan. 4, 1897
County Attorney.....	Joseph M. Dixon.....	" .....	Rep .....	Nov. 6, 1894	"
Clerk District Court.....	Frank W. McConnell .....	" .....	Dem .....	8, 1892	"
County Commissioner.....	Gaspard Deschamps. ....	Grass Valley ..	Pop .....	Nov. 6, 1894	Jan. 2, 1899
" .....	John Rankin.....	Missoula .....	Rep .....	" .....	"
" .....	J. E. Marion .....	Frenchtown .....	Dem .....	Nov. 8, 1892	Jan. 4, 1897

## MISSOULA COUNTY—CONTINUED.

Office.	Name.	Official P. O. Address	Politics.	Date elected or appointed.	Term Expires
Sheriff.....	H. W. McLaughlin.....	Missoula.....	Dem.....	Nov. 6, 1894	Jan. 4, 1897
Treasurer.....	Alfred Cave.....	".....	".....	".....	".....
Clerk and Recorder.....	D. J. Bailey.....	".....	".....	".....	".....
Assessor.....	C. W. Berry.....	".....	Ind.....	".....	".....
Auditor.....	W. R. Hamilton.....	Thompson.....	Rep.....	".....	".....
Superintendent of Schools.....	Sarah B. Maclay.....	Missoula.....	Pop.....	".....	".....
Coroner.....	W. P. Mills.....	".....	Rep.....	appointed	".....
Public Administrator.....	W. B. Brooks.....	".....	".....	Nov. 6, 1894	".....
County Surveyor.....	E. S. Hathaway.....	".....	".....	".....	".....
Justice of the Peace.....	Andrew Logan.....	Missoula.....	Rep.....	Nov. 6, 1894	Jan. 4, 1897
".....	Wm. Landers.....	".....	Dem.....	".....	".....
".....	L. C. Sturman.....	Nine Mile.....	".....	".....	".....
".....	David Smith.....	Superior.....	".....	".....	".....
".....	C. R. Downing.....	Sinead.....	Rep.....	".....	".....
".....	John Beamish.....	Horse Plains.....	Dem.....	".....	".....
".....	J. S. Merritt.....	".....	Rep.....	".....	".....
".....	E. F. Cameron.....	Vermilion.....	".....	".....	".....
".....	J. C. McGinnis.....	Thompson.....	Dem.....	".....	".....
".....	John Buckhouse.....	Superior.....	Pop.....	appointed	".....

## PARK COUNTY. COUNTY SEAT, LIVINGSTON.

Member of State Senate.....	(Vacant).....(a)	.....	.....	.....	.....
Member House of Representatives.....	William T. Collins.....	Hunters H. Spr	Rep.....	Nov. 6, 1894	Nov. 4, 1896
".....	(Vacant).....(b)	.....	.....	.....	.....
".....	(Vacant).....(c)	.....	.....	.....	.....
Judge 6th Judicial District.....	Frank K. Henry.....	Livingston.....	Rep.....	Nov. 8, 1892	Jan. 4, 1897
County Attorney.....	W. H. Poorman.....	".....	".....	Nov. 6, 1894	".....
Clerk District Court.....	James A. Bailey.....	".....	Dem.....	Nov. 8, 1892	".....
County Commissioner.....	Geo. T. Chambers.....	Livingston.....	Rep.....	Nov. 8, 1892	Jan. 4, 1897
".....	Maurice Roth.....	".....	Dem.....	".....	".....
".....	J. E. Gustine.....	".....	Rep.....	".....	".....
Sheriff.....	George T. Young.....	Livingston.....	Rep.....	Nov. 6, 1894	Jan. 4, 1897
Treasurer.....	Samuel H. Holliday.....	".....	".....	".....	Mar. 1, 1897
Clerk and Recorder.....	Chas. Angus.....	".....	".....	".....	Jan. 4, 1897
Assessor.....	Zadock H. Daniels.....	".....	".....	".....	".....
Superintendent of Schools.....	Miss Annie McAnelly.....	".....	".....	".....	".....
Coroner.....	Wm. L. Hawk.....	".....	".....	".....	".....
Public Administrator.....	James J. Berkly.....	".....	".....	".....	".....
County Surveyor.....	(Vacant).....(d)	.....	.....	.....	.....
Justice of the Peace.....	Samuel I. Wilson.....	Livingston.....	Rep.....	Nov. 6, 1894	(Resigned) ..
".....	D. J. Rose.....	".....	Dem.....	".....	Jan. 4, 1897
".....	Geo. M. Coe.....	Meyersburg ..	Rep.....	".....	".....
".....	Henry B. Potter.....	Crevasse.....	".....	".....	".....

(a) George M. Hatch, late member, now resident of Sweet Grass County. (b) Allan R. Joy, late member, has left state. (c) William F. Meyer, late member, now resident of Carbon County. (d) A. G. Alexander, late County Surveyor, now resides in Sweet Grass County.

## RAVALLI COUNTY. COUNTY SEAT, STEVENSVILLE.

Member of State Senate.....	Oliver C. Cooper.....	Grantsdale ..	Rep.....	Nov. 6, 1894	Nov. 9, 1898
Member House of Representatives.....	George T. Baggs.....	Stevensville ..	Rep.....	Nov. 6, 1894	Nov. 4, 1896
".....	Joel J. Bond.....	Victor.....	Pop.....	".....	".....
Judge 4th Judicial District.....	Frank H. Woody.....	Missoula.....	Dem.....	Nov. 8, 1892	Jan. 4, 1897
County Attorney.....	Henry L. Myers.....	Hamilton.....	".....	Nov. 6, 1894	".....
Clerk District Court.....	Allen E. Shappee.....	Stevensville ..	".....	".....	".....
County Commissioner.....	John F. Hendricks.....	Hamilton.....	Rep.....	Nov. 6, 1894	Jan. 2, 1899
".....	Ferdinand Wehr.....	Corvallis.....	Pop.....	".....	".....
".....	John W. Mayhew.....	Pyrates.....	Dem.....	".....	".....
Sheriff.....	B. S. Chaffin.....	Stevensville ..	Rep.....	Nov. 6, 1894	Jan. 4, 1897
Treasurer.....	John Dowling.....	".....	".....	".....	".....
Clerk and Recorder.....	L. E. Williams.....	".....	".....	".....	".....
Assessor.....	Robert Nelson.....	".....	".....	".....	".....
Superintendent of Schools.....	Anna Bond.....	Victor.....	".....	".....	".....
Coroner.....	D. N. Reber.....	Hamilton.....	".....	".....	".....
Public Administrator.....	John W. Lancaster.....	Stevensville ..	".....	".....	".....
County Surveyor.....	L. O. Kennedy.....	Victor.....	Pop.....	Mar. 6, 1895	".....

## RATALLI COUNTY—CONTINUED.

Office.	Name.	Official P. O. Address.	Politics.	Date Elected or Appointed	Term Expires.
Justice of the Peace	W. B. Faulds	Stevensville	Rep	Nov. 6, 1894	Jan. 4, 1897
"	W. D. Cunningham	"	"	"	"
"	N. J. Myers	Corvallis	"	"	"
"	A. H. Bradley	Hamilton	Pop	"	"
"	Joseph M. Lenahan	"	Dem	"	"
"	George Miles	Darby	Rep	"	"
"	G. W. Solleder	"	Dem	"	"

## SILVER BOW COUNTY. COUNTY SEAT, BUTTE.

Member of State Senate	Charles R. Leonard	Butte	Rep	Nov. 6, 1894	Nov. 9, 1898
Member House of Representatives	Edwin S. Booth	Butte	Rep	Nov. 6, 1894	Nov. 4, 1896
"	Edwin Bray	"	"	"	"
"	George A. Cook	"	"	"	"
"	H. R. Cunningham	"	"	"	"
"	David Lawrence	"	"	"	"
"	E. H. Metcalf	"	"	"	"
"	J. H. Monteath	"	"	"	"
"	Howard Paschal	"	"	"	"
"	J. S. Shropshire	"	"	"	"
"	W. H. Swett	"	"	"	"
"	Stephen Williams	"	"	"	"
Judge 2d Judicial District	John J. McIlhatton	Butte	Dem	Nov. 8, 1892	Jan. 4, 1897
"	W. O. Speer	"	Rep	"	"
County Attorney	M. L. Wines	"	"	Nov. 6, 1894	"
Clerk District Court	H. A. Niedenhofen	"	"	Nov. 8, 1892	"
County Commissioner	John E. Lloyd	Butte	Rep	Nov. 8, 1892	Jan. 4, 1897
"	D. J. Charles	"	"	"	"
"	Savin Lisa	"	"	Nov. 6, 1894	Jan. 2, 1899
Sheriff	S. J. Reynolds	Butte	Rep	Nov. 6, 1894	Jan. 4, 1897
Treasurer	W. L. Hill	"	"	"	Mar. 1, 1897
Clerk and Recorder	Chas. Q. Johnson	"	"	"	Jan. 4, 1897
Assessor	Carlos. Warfield	"	"	"	"
Auditor	W. H. Winters	"	"	"	"
Superintendent of Schools	John F. Davis	"	"	"	"
Coroner	Joseph Richards	"	"	"	"
Public Administrator	W. J. Jameson	"	"	"	"
County Surveyor	Fred P. Gutelius	"	"	"	"
Justice of the Peace	S. H. Almon	Butte	Rep	Nov. 6, 1894	Jan. 4, 1897
"	M. L. Holland	"	"	appointed	"
"	Mike Flynn	Walkerville	Ind.	Nov. 6, 1894	"
"	J. Marsland	"	Rep	"	"
"	Geo. H. Chapman	South Butte	"	"	"
"	Alfred Finch	"	D. and P.	"	"
"	J. E. Doud	Gunderson	Rep	"	"
"	W. F. Kirkwood	"	D. and P.	"	"
"	J. Longley	Melrose	Rep	"	"

## SWEET GRASS COUNTY. COUNTY SEAT, BIG TIMBER.

Established under Act of Legislature, approved March 5, 1895.

Member of State Senate	Geo. M. Hatch	(a)	Big Timber	Rep	Nov. 8, 1892	Nov. 4, 1896
Member House of Representatives	(Vacant)	(b)				
Judge 6th Judicial District	Frank K. Henry		Livingston	Rep	Nov. 8, 1892	Jan. 4, 1897
County Attorney	Sydney Fox		Big Timber	Dem.	Mar. 5, 1895	"
Clerk District Court	C. N. Skillman		"	Rep	"	"
County Commissioner	J. W. Bailey		Big Timber	Rep	Mar. 5, 1895	Jan. 4, 1897
"	P. O. Fallang		Melville	"	"	"
"	A. C. Logan		Springdale	Dem.	"	"
Sheriff	Jacob L. Dehart		Big Timber	Dem.	Mar. 5, 1895	Jan. 4, 1897
Treasurer	E. O. Clark		"	Rep	"	Mar. 1, 1897
Clerk and Recorder	Geo. F. Hudson		"	Pop	"	Jan. 4, 1897
Assessor	W. A. Harrison		"	Dem.	"	"
Superintendent of Schools	L. C. Olmstead		"	Rep	"	"
Coroner						
Public Administrator						
County Surveyor						



## SWEET GRASS COUNTY—CONTINUED.

Office.	Name.	Official P. O. Address.	Politics.	Date Elected or Appointed	Term Expires.
Justice of the Peace.....	O. M. Lamphere.....	Big Timber....	Rep.....	Mar. 12, 1895	Jan. 4, 1897
“ “.....	Thos. K. Lee.....	“ “.....	Dem.....	Sept. 9, 1895	“ “
“ “.....	Wm. G. Strong.....	Melville.....	Rep.....	Mar. 12, 1895	“ “

(a) Was elected Senator of Park County, from which Sweet Grass County was formed. (b) Members who represented the Counties of which Sweet Grass County was a part are all non-residents of Sweet Grass County.

## TETON COUNTY. COUNTY SEAT, CHOTEAU.

Member of State Senate.....	Wm. K. Flowerree.....	Sun River.....	Dem.....	Nov. 6, 1894	Nov. 9, 1898
Member House of Representatives	John A. Kennedy.....	Choteau.....	Rep.....	Nov. 6, 1894	Nov. 4, 1896
Judge 11th Judicial District.....	C. W. Pomeroy.....	Kalispell.....	Rep.....	Mar. 8, 1895	Jan. 4, 1897
County Attorney.....	James Sulgrove.....	Choteau.....	“.....	Nov. 6, 1894	“ “
Clerk District Court.....	Sterling McDonald.....	“.....	“.....	“.....	“.....
County Commissioner.....	C. Wallace Taylor.....	Choteau.....	Dem.....	Nov. 6, 1894	Jan. 2, 1899
“ “.....	John J. Miller.....	Shelby.....	Rep.....	“.....	“.....
“ “.....	Wm. D. Jones.....	Dupuyer.....	“.....	“.....	“.....
Sheriff.....	John Zimmerman.....	Pondera.....	Rep.....	Nov. 6, 1894	Jan. 4, 1897
Treasurer.....	Cicero L. Bristol.....	Choteau.....	“.....	“.....	Mar. 1, 1897
Clerk and Recorder.....	J. E. Wamsley.....	“.....	Pop.....	“.....	Jan. 4, 1897
Assessor.....	Wm. Hodgskiss.....	“.....	Rep.....	“.....	“.....
Superintendent of Schools.....	Effie A. Hardin.....	“.....	D. & Pop	“.....	“.....
Coroner.....	Jacob Schmidt.....	“.....	“.....	“.....	“.....
Public Administrator.....	Oliver G. Cooper.....	Bynum.....	Rep.....	“.....	“.....
County Surveyor.....	Arthur T. Goodspeed.....	Choteau.....	Pop.....	“.....	“.....
Justice of the Peace.....	Henry Beaupre.....	Choteau.....	Dem.....	Nov. 6, 1894	Jan. 4, 1897
“ “.....	Geo. W. Magee.....	Dupuyer.....	Rep.....	“.....	“.....
“ “.....	Wm. Dawes.....	Shelby.....	Dem.....	“.....	“.....
“ “.....	M. D. Cooper.....	Choteau.....	Rep.....	Sept. 6, 1895	“.....

## VALLEY COUNTY. COUNTY SEAT, GLASGOW.

Member of State Senate.....	Chas. S. Hurd.....	Glasgow.....	Dem.....	Nov. 6, 1894	Nov. 9, 1898
Member House of Representatives (Joint with Fergus).....	Rudolph VonTobel.....	Lewistown....	Rep.....	Nov. 6, 1894	Nov. 4, 1896
Judge Tenth Judicial District.....	Dudley DuBose.....	Ft. Benton....	Dem.....	Nov. 8, 1892	Jan. 4, 1897
County Attorney.....	L. P. Evans.....	Glasgow.....	“.....	Nov. 6, 1894	“.....
Clerk District Court.....	W. W. Mabee.....	“.....	Rep.....	“.....	“.....
County Commissioner.....	C. W. Hunter.....	Saco.....	Dem.....	Nov. 6, 1894	Jan. 2, 1899
“ “.....	R. W. Garland.....	Malta.....	Rep.....	“.....	“.....
“ “.....	C. S. Stafford.....	Culbertson....	“.....	*Dec. 11, 1894	“.....
Sheriff.....	S. A. Willis.....	Glasgow.....	Pop.....	Nov. 6, 1894	Jan. 4, 1897
Treasurer.....	A. J. McMillan.....	“.....	Dem.....	“.....	“.....
Clerk and Recorder.....	Chas. E. Hall.....	“.....	“.....	“.....	“.....
Assessor.....	O. D. Polley.....	“.....	Rep.....	“.....	“.....
Superintendent of Schools.....	M. D. Hoyt.....	“.....	Dem.....	“.....	“.....
Coroner.....	George Harley.....	“.....	“.....	“.....	“.....
Public Administrator.....	Wm. H. Means.....	“.....	Pop.....	“.....	“.....
County Surveyor.....	A. W. Mahon.....	“.....	Dem.....	“.....	“.....
Justice of the Peace.....	John Kent.....	Glasgow.....	Dem.....	Nov. 6, 1894	Jan. 4, 1897
“ “.....	S. W. Morrin.....	“.....	Pop.....	“.....	“.....
“ “.....	Andrew Davidson.....	Malta.....	N. K.....	Appointed...	“.....
“ “.....	H. A. Vagg.....	Saco.....	“.....	“.....	“.....
“ “.....	Jacob Bauer.....	Culbertson....	“.....	“.....	“.....

\* Special election.

## YELLOWSTONE COUNTY. COUNTY SEAT, BILLINGS.

Office.	Name.	Official P. O. Address.	Politics.	Date Elected or Appointed	Term Expires.
Member of State Senate.....	Albert L. Babcock.....	Billings .....	Rep .....	Nov. 6, 1894	Nov. 9, 1898
Member House of Representatives	Christian Yegen.....	Billings .....	Rep .....	Nov. 6, 1894	Nov. 4, 1896
Judge 7th Judicial District.....	George R. Milburn.....	Miles City.....	Dem.....	Nov. 8, 1892	Jan. 4, 1897
County Attorney.....	Robert T. Allen.....	Billings .....	Rep .....	Nov. 6, 1894	"
Clerk District Court.....	Frank L. Mann.....	" .....	Dem.....	Nov. 8, 1892	"
County Commissioner .....	John C. Bond.....	Billings .....	Rep .....	Nov. 8, 1892	Jan. 4, 1897
" .....	C. O. Gruwell.....	" .....	Dem.....	"	"
" .....	Edward Cardwell.....	" .....	Rep .....	"	"
Sheriff.....	George A. Berky.....	Billings .....	Rep .....	Nov. 6, 1894	Jan. 4, 1897
Treasurer .....	Sidney F. Morse.....	" .....	Dem.....	"	Mar. 1, 1897
Clerk and Recorder.....	Uri E. Frizelle.....	" .....	Rep .....	"	Jan. 4, 1897
Assessor .....	Frank S. Whitney.....	" .....	" .....	"	"
Superintendent of Schools.....	Martha E. Shoemaker.....	" .....	" .....	"	"
Coroner .....	J. H. Rinehart.....(a)	" .....	" .....	Appointed...	"
Public Administrator.....	Eugene E. Holmes.....	" .....	" .....	Nov. 6, 1894	"
County Surveyor.....	A. A. Morris.....	" .....	" .....	"	"
Justice of the Peace.....	James Kelly.....	Billings .....	Dem.....	Nov. 6, 1894	Jan. 4, 1897
" .....	Walter B. Chrysler.....	" .....	Rep .....	"	"
" .....	L. Williams.....	" .....	Dem.....	"	"
" .....	E. L. Fenton.....	Laurel.....	Rep .....	"	"
" .....	W. T. Hamilton.....	Columbus .....	Dem.....	"	"
" .....	E. A. Baldwin.....	Musselshell ...	Rep .....	Appointed...	"

(a) Vice Henry Chapple, resigned.

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# PART V.

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DIRECTORY OF LABOR ORGANIZATIONS.

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EMPLOYED AND UNEMPLOYED IN STATE.

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RAILROAD TRAFFIC AND WAGES.

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NORTHERN PACIFIC SYSTEM.—GREAT NORTH-  
ERN.—MONTANA UNION.—MONTANA CEN-  
TRAL.—UTAH AND NORTHERN.  
BUTTE, ANACONDA AND PACIFIC.—BURLINGTON AND  
MISSOURI RIVER.—GREAT FALLS AND CANADA.

---

WAGES OF MINERS, MILL AND SMELTER MEN.

---

MANUFACTURERS AND GENERAL EMPLOYERS.

---

REPORTS OF PRODUCTIONS, INVESTMENTS, WAGES, ETC.

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PUBLISHERS AND PRINTERS—FLOURING MILLS—LUMBER—COAL—  
BRICK—BREWING—CIGARS AND TOBACCO.

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## Labor Organizations of Montana.

CORRECTED TO JUNE 30, 1895.

On this and following pages will be found the Directory of Labor Organizations of the State for the year ended June 30, 1895, in substantially the same form as presented in preceding reports. In 1894 the Bureau was informed by recent members thereof that owing to the industrial depression and other causes some of the smaller local unions and lodges had not maintained their organization, while others had surrendered their charters and become merged in other organizations. For 1895 the number reporting is materially increased. It is not assumed this Directory embraces all the organizations in the state, but it does embrace all from the secretaries of which the reports could be obtained. It is exceedingly difficult to obtain complete reports of Labor Organizations in the state, to begin with, and while many Secretaries, when their addresses have been obtained, respond promptly to request for reports, other reports are almost impossible to obtain. It is believed, however, this Directory is the most nearly complete that has yet been published. The list of local unions of the American Railway Union, and local assemblies of the Knights of Labor, are given through the courtesy of the general officers of those Organizations, it not being in accord with the policy of those Associations to give detailed reports.

### LOCAL UNIONS AMERICAN RAILWAY UNION.

Number.	Location.	Number.	Location.
No. 2.....	Blackfoot .....	No. 123.....	Troy .....
No. 30.....	South Butte.....	No. 124.....	Havre .....
No. 32.....	Lima .....	No. 127.....	Livingston .....
No. 33.....	Anaconda.....	No. 128.....	Billings .....
No. 88.....	Helena .....	No. 129.....	Glendive .....
No. 89.....	Great Falls.....	No. 146.....	Glasgow .....
No. 93.....	Kalispell.....	No. 259.....	Bozeman.....
No. 107.....	Missoula .....		

### LOCAL ASSEMBLIES ATTACHED TO D. A. No. 98, KNIGHTS OF LABOR.

Place.	Name.	Number.	Date of Organization	
Anaconda .....	W. R. Morley.....	3711	Mar. 27, 1885	Mixed Assembly.....
" .....	Cooks and Waiters .....	3963	Dec. 4, 1891	Male Kitchen Employes....
" .....	Austro-Slavonian.....	461	Nov. 12, 1893	Austrian Language.....
" .....	Juveniles .....	985	July 17, 1894	Mixed under Age 18.....
" .....	Anaconda.....	1321		
" .....	Copper City Clerks.....	708		
Billings .....	Billings .....	1896	Dec. 23, 1885	Mixed Assembly.....
Butte .....	Pioneers .....	2330	Sept. 13, 1882	" .....
" .....	Workingmen .....	223	July 28, 1893	Mixed Workingmen.....
" .....	Crispin .....	467	Mar. 20, 1894	Shoemakers .....
" .....	Cooks and Waiters.....	3918	Nov. 28, 1891	Male Kitchen Employes....
" .....	Clerks .....	5921	Nov. 2, 1890	Clerks .....
" .....	Brewers .....	488	Apr. 4, 1894	Brewery Employes.....
" .....	Bakers .....	1260		Bakers .....
Choteau .....	Choteau .....	1266		Mixed Assembly.....
Cokedale .....	Miner Creek .....	749	May 6, 1894	" .....
Columbia Falls.....	Columbia Falls.....	901	June 13, 1894	" .....
Great Falls .....	Cooks and Waiters.....	1235		Male Kitchen Employes....
Gunderson .....	Meaderville.....	3775	Apr. 16, 1885	Mixed Assembly.....
Gilt Edge .....	Gilt Edge .....	1289		" .....
Helena .....	Nonpareil .....	3928	May 30, 1885	" .....
Kalispell .....	Kalispell .....	913	June 12, 1894	" .....
Lewistown .....	Lewistown .....	1222		" .....
Neilhart .....	Belt Mountain.....	864	Apr. 14, 1893	" .....
Phillipsburg .....	Phillipsburg .....	2109	Sept. 18, 1891	" .....
Phillipsburg .....	Women's Protective .....	1144		
South Butte.....	Richard Griffith .....	3257	May 11, 1891	Carpenters .....
Whitehall .....	Whitehall .....	1276		

TABLE NO. 13—DIRECTORY MEMBERSHIP, ETC., OF

Tracing Number	Name of Organization.	Town or City.	County.	Date of Organization	Elect Officers.
1	American Federation of Labor No. 6512.	Belt.	Cascade	Mar. 16, 1895	June and Dec. 1.
2	Federal Labor Union No. 5759	Anaconda.	Deer Lodge	July 23, 1892	Last Mon. June & Dec.
3	Same, No. 5630	Great Falls	Cascade	Aug. —, 1892	January and June.
4	Same, No. 6403	Missoula	Missoula	Aug. 4, 1894	" "
5	Butte Miners Union	Butte	Silver Bow	June 13, 1878	1st Tues. Mar. and Sep.
6	Granite Miners Union	Granite	Granite	Sept. 28, 1888	" "
7	Belt Mountain Miners Union	Nelhart	Meagher	May 10, 1890	March and Sept.
8	Basin Miners Union	Basin	Jefferson	June 24, 1894	1st mtg Mar. and Sept.
9	Belt Creek Miners Union	Belt	Cascade	July 14, 1894	March and Sept.
10	Winston Miners Union	Winston.	Jefferson	Oct. 18, 1894	" "
11	Clancy Miners Union	Clancy	"	Oct. 13, 1894	" "
12	Wickes Miners Union	Wickes	"	Oct. 31, 1894	" "
13	Sand Coulee Miners Union	Sand Coulee	Cascade	June 13, 1894	1st April and October
14	Iron Mountain Miners Union	Pardee	Missoula	Aug. 10, 1894	March and Sept.
15	Butte Typographical Union No. 126	Butte	Silver Bow	Aug. —, 1883	Semi-annually
16	Helena Typographical Union No. 95	Helena	Lewis & Clarke	July 27, 1883	January and July
17	Anaconda Typographical Union No. 255	Anaconda	Deer Lodge	Oct. 16, 1889	" "
18	Great Falls Typographical Union No. 256	Great Falls	Cascade	Nov. 7, 1889	" "
19	Missoula Typographical Union No. 277	Missoula	Missoula	Feb. 2, 1891	" "
20	Order Railway Conductors No. 294	Butte	Silver Bow	Oct. 11, 1890	January
21	" " " " No. 272	Hayre	Choteau	Jan. 1, 1891	3d Sunday Dec.
22	" " " " No. 371	Livingston	Park	Mar. 17, 1895	December
23	Bro. Loco. Engineers Division No. 195	Forsyth	Custer	Sept. 28, 1882	April
24	" " " " No. 262	Missoula	Missoula	Jan. 20, 1885	February
25	" " " " No. 274	South Butte	Silver Bow	Mar. —, 1885	1st meeting April
26	" " " " No. 464	Helena	Lewis & Clarke	Aug. 19, 1892	March
27	" " " " No. 499	Kalispell	Flathead	Aug. 19, 1892	" "
28	" " " " No. 510	Livingston	Park	Feb. 13, 1893	" "
29	" " " " No. 232	Bozeman	Gallatin	April	April
30	Bro. Loco. Firemen Division No. 182	Glendive	Dawson	Nov. —, 1882	Last meeting June
31	" " " " No. 191	Livingston	Park	—, 1883	June
32	" " " " No. 194	Missoula	Missoula	Jan. 10, 1884	" "
33	" " " " No. 264	South Butte	Silver Bow	Apr. 5, 1885	Last Thursday May
34	" " " " No. 456	Great Falls	Cascade	June 7, 1891	Last meeting June
35	Bro. Railway Trainmen	Great Falls	Cascade	Sept. —, 1893	Last meeting Dec
36	" " " " Division No. 524	Helena	Lewis & Clarke	Sept. 23, 1893	1st meeting Dec
37	" " " " " No. 295	Livingston	Park	Oct. 2, 1894	January
38	Nat'l Ass'n Sta. Engineers No. 1	Butte	Silver Bow	Oct. 25, 1882	Last meeting Dec
39	" " " " " " No. 2	Red Lodge	Carbon	Dec. —, 1889	January
40	" " " " " " " " No. 2	Helena	Lewis & Clarke	Apr. 12, 1890	" "
41	Bro. Stationary Engineers No. 1	Butte	Silver Bow	July 2, 1891	June and Dec.
42	" " " " " " " " No. 2	Great Falls	Cascade	Nov. 14, 1893	July
43	" " " " " " " " No. 4	Basin	Jefferson	Sept. 27, 1894	June and Dec.
44	" " " " " " " " No. 5	Helena	Lewis & Clarke	Dec. 29, 1894	" "
45	Mill and Smeltermen's Union No. 2	Great Falls	Cascade	Sept. 21, 1892	August and Jan
46	Nat'l Bro. Boilermakers	Livingston	Park		December
47	International Ass'n Machinists No. 88	Butte	Silver Bow	June 7, 1889	Semi-annually
48	" " " " " " " " No. 91	Anaconda	Deer Lodge	Oct. —, 1890	January and July
49	" " " " " " " " No. 168	Livingston	Park	—, 1889	December
50	" " " " " " " " " " No. 168	Missoula	Missoula	Oct. 15, 1890	Semi-annually
51	" " " " " " " " " " No. 287	Great Falls	Cascade	June 16, 1892	June and Dec.
52	International Bro. Blacksmiths	Butte	Silver Bow	May 20, 1893	January and July
53	Iron Moulders Union No. 376	Butte	Silver Bow	Aug. 2, 1890	June and December
54	" " " " " " " " " " No. 376	Anaconda	Deer Lodge	Jan. 2, 1892	" "
55	U. B. Carpenters and J. of A. No. 88	Anaconda	Deer Lodge	May 16, 1889	June and December
56	" " " " " " " " " " " " No. 88	Butte	Silver Bow	Mar. 19, 1890	December and May
57	" " " " " " " " " " " " No. 286	Great Falls	Cascade	Dec. 5, 1890	June and December
58	" " " " " " " " " " " " No. 330	Kalispell	Flathead	Feb. 4, 1895	" "
59	Plumbers and Steam Fitters Union No. 41	Butte	Silver Bow	Nov. 21, 1890	December
60	" " " " " " " " " " " " Local No. 1	Great Falls	Cascade	Feb. 22, 1893	January

## LABOR ORGANIZATIONS IN MONTANA, JUNE 30, 1895.

Tracing Number .....	Dates of Meeting.	MEMBERSHIP.			VOLUNTARY AND STIPULATED BENEFITS.					
		Male .....	Female .....	Total .....	Voluntary .....	Stipulated .....	For Sick- ness or Dis- ability.		For Funeral Expenses.	At Death or for Total Disability.
							Amt paid per week.	For many weeks. how		
1	Every Thursday .....	145	.....	145	yes ..	.....	.....	.....	yes ..	.....
2	Every Monday .....	165	.....	165	" ..	.....	.....	.....	.....	.....
3	Every Wednesday .....	243	.....	243	" ..	.....	.....	.....	.....	.....
4	Every Tuesday .....	225	.....	225	yes ..	.....	.....	.....	.....	50c. fr'm ea. mem
5	Every Tuesday .....	3,500	.....	3,500	yes ..	.....	10 00	10	90 00	.....
6	" ..	473	.....	473	" ..	.....	10 00	10	90 00	.....
7	Every Saturday .....	165	.....	165	" ..	.....	10 00	10	90 00	.....
8	Weekly .....	70	.....	70	" ..	.....	10 00	10	90 00	.....
9	Every Tuesday .....	375	.....	375	" ..	.....	3 00	16	40 00	.....
10	2d and 4th Saturday .....	80	.....	80	" ..	.....	10 00	10	90 00	.....
11	Every Tuesday .....	102	.....	102	" ..	.....	10 00	10	90 00	.....
12	Every Saturday .....	150	.....	150	" ..	.....	10 00	10	90 00	.....
13	Every Thursday .....	497	.....	497	" ..	.....	5 00	10	90 00	.....
14	Weekly .....	60	.....	60	" ..	.....	5 00	24	90 00	.....
15	1st Sunday each month .....	41	2	43	yes ..	.....	.....	.....	.....	.....
16	" ..	42	3	45	" ..	.....	.....	.....	50 00	.....
17	" ..	40	.....	40	" ..	.....	.....	.....	60 00	.....
18	" ..	25	.....	25	" ..	.....	.....	.....	60 00	.....
19	" ..	8	1	9	" ..	.....	.....	.....	60 00	.....
20	Every 2nd and 4th Sunday .....	38	.....	38	yes ..	.....	.....	.....	.....	.....
21	Every 1st and 3d Sunday .....	24	.....	24	" ..	.....	.....	.....	.....	.....
22	" ..	19	.....	19	" ..	.....	.....	.....	.....	.....
23	Every Wednesday .....	24	.....	24	yes ..	.....	.....	.....	.....	N. R.
24	Every 2d and 4th Sunday .....	76	.....	76	" ..	.....	10 00	26	.....	\$1,500 to \$4,000
25	Every 1st and 3d Saturday .....	33	.....	33	" ..	.....	.....	.....	.....	\$1,500 to \$4,500
26	" ..	31	.....	31	No. R	No. R	.....	.....	.....	.....
27	Every 2d and 4th Sunday .....	16	.....	16	" ..	.....	.....	.....	.....	.....
28	Every Monday .....	17	.....	17	" ..	.....	.....	.....	.....	.....
29	" ..	28	.....	28	" ..	.....	.....	.....	.....	.....
30	Every Tuesday .....	20	.....	20	yes ..	.....	.....	.....	.....	\$1,500
31	Semi-monthly .....	15	.....	15	No. R	No. R	.....	.....	.....	.....
32	2d and 4th Saturday .....	80	.....	80	yes ..	.....	.....	.....	.....	\$500 to \$1,500
33	2d and 4th Thursday .....	30	.....	30	" ..	.....	.....	.....	.....	\$1,500
34	2d and 4th Sunday .....	25	.....	25	" ..	.....	.....	.....	.....	\$1,500
35	1st and 3d Sunday .....	20	.....	20	yes ..	.....	.....	.....	.....	\$400 to \$1,200
36	2d and 4th Friday .....	53	.....	53	" ..	.....	.....	.....	.....	\$400 to \$1,200
37	2d and 4th Sunday .....	30	.....	30	" ..	.....	.....	.....	150 00	\$1,200 to \$1,400
38	Every Saturday .....	40	.....	40	yes ..	.....	.....	.....	.....	.....
39	Every Thursday .....	14	.....	14	" ..	.....	.....	.....	.....	.....
40	" ..	13	.....	13	" ..	.....	.....	.....	.....	.....
41	" ..	220	.....	220	yes ..	.....	.....	.....	75 00	.....
42	Every other Tuesday .....	31	.....	31	" ..	.....	.....	.....	.....	.....
43	Every Tuesday .....	14	.....	14	" ..	.....	.....	.....	.....	.....
44	Every Saturday .....	50	.....	50	" ..	.....	.....	.....	.....	.....
45	Every Thursday .....	498	.....	498	yes ..	.....	.....	.....	85 00	.....
46	2nd and 4th Monday .....	4	.....	4	yes ..	.....	.....	.....	.....	.....
47	2d and 4th Tuesday .....	40	.....	40	yes ..	.....	5 00	12	.....	.....
48	2d and 4th Thursday .....	28	.....	28	yes ..	.....	.....	.....	.....	.....
49	3d Saturday .....	14	.....	14	yes ..	.....	3 00	.....	.....	.....
50	" ..	8	.....	8	yes ..	.....	.....	.....	.....	.....
51	2nd and 4th Saturday .....	8	.....	8	" ..	.....	.....	.....	.....	.....
52	1st and 3d Wednesday .....	53	.....	53	yes ..	.....	.....	.....	.....	.....
53	2d and 4th Monday .....	35	.....	35	yes ..	.....	.....	.....	100 00	\$100
54	2d and 4th Saturday .....	54	.....	54	" ..	.....	5 00	12	.....	\$100
55	Every Thursday .....	125	.....	125	yes ..	.....	7 00	7	100—200	\$100 to \$400
56	" ..	130	.....	130	" ..	.....	7 00	7	.....	\$400 to \$1,200
57	Every Wednesday .....	81	.....	81	" ..	.....	5 00	12	100—200	\$100 to \$400
58	Every Saturday .....	32	.....	32	" ..	.....	.....	.....	100—200	\$100 to \$400
59	Semi-monthly .....	40	.....	40	yes ..	.....	.....	.....	.....	.....
60	1st and 3d Tuesday .....	10	.....	10	" ..	.....	.....	.....	.....	.....

TABLE NO. 13—CONTINUED.

Tracing Number	Name of Organization.	Town or City.	County.	Date of Organization	Elect Officers.
61	Bricklayers and Masons Int. Union No. 1	Butte	Silver Bow	Apr. 4, 1890	June and December
62	" " " No. 2	Anaconda	Deer Lodge	Oct. 24, 1891	June
63	" " " No. 3	Great Falls	Cascade	Apr. 14, 1891	January and July
64	" " " No. 4	Helena	Lewis & Clarke	June 23, 1891	Semi-Annually
65	" " " No. 5	Great Falls	Cascade	Dec. 10, 1891	June and December
66	Journeyman Stone Cutters Ass'n N. A.	Great Falls	Cascade	Mar. 1, 1888	January and July
67	Lathers Protective Union No. 1	"	"	June —, 1892	December and July
68	Plasterers International Ass'n No. 110	"	"	Jan. 22, 1892	January and July
69	Painters and Decorators Union of A.	"	"	Dec. 30, 1891	June and December
70	Journeyman Tailors Pro. U. of A. No. 25	Butte	Silver Bow	1887	April and October
71	" " " " " " " " " " " "	Great Falls	Cascade	Sept. 1, 1891	January and July
72	" " " " " " " " " " " "	Anaconda	Deer Lodge	Sept. 10, 1895	September
73	Cigar Makers I. U. of A. No. 361	Butte	Silver Bow		
74	" " " " " " " " " " " "	Great Falls	Cascade	Nov. 3, 1894	January
75	Musicians M. P. U. N. L. M. No. 39	Butte	Silver Bow	Mar. 15, 1891	April
76	" " " " " " " " " " " "	Great Falls	Cascade	July 31, 1892	November
77	" " " " " " " " " " " "	Anaconda	Deer Lodge	Apr. 27, 1893	March
78	Retail Clerks N. P. A. No. 75	Great Falls	Cascade		
79	Deliverymen's Union No. 1	"	"	Dec. 6, 1894	December
80	Butchers Union No. 1	"	"	June —, 1894	July and December
81	Building Laborers Union No. 2	"	"	July 2, 1892	January and July
82	Team Owners Union	"	"	Feb. 17, 1893	January and July
	Total				

Tracing Number	Dates of Meeting.	MEMBERSHIP.			VOLUNTARY AND STIPULATED BENEFITS.				
		Male	Female	Total	Voluntary	Stipulated	For Sick- ness or Dis- ability.	For Funeral Expenses.	At Death or for Total Disability.
61	Every Friday	46		46	yes			\$100 00	
62	Every Wednesday	45		45			7 00	100 00	
63	" "	21		21	yes				
64	Weekly	15		15	yes			100 00	
65	Every Monday	21		21	yes				
66	1st and 3d Saturday	17		17	yes			100 00	
67	Every Monday	7		7	yes				
68	Every Thursday	7		7					
69		15		15	yes		5 00	16	\$50 to \$150
70	1st Monday in month	42	3	45	yes			50—100	
71	" "	7		7				50—100	
72	1st and 3d Monday	13	1	14				100	
73	Semi-monthly	42	1	43	yes		5 00	50—500	
74	1st and last Wednesday	6	1	7			5 00	16	\$200
75	2d Sunday in month	120	11	131	yes				
76	3d Sunday in month	34	7	41					
77	Last Sunday in month	21		21					
78	Every Monday	46	6	52	yes				
79	Every alternate Thursday	15		15					
80	1st and 3d Thursday	23		23					
81	Every Thursday	30		30					
82	Alternate Saturdays	30		30					
	Total	9,150	36	9,186					



## Employed and Unemployed.

In an industrial community or commonwealth the proportion of wage earners employed at fair remuneration to those unemployed is a reliable index as relates to their prosperity, and approximately so as relates to the industries of the State. It is therefore proper to take this factor into account in considering and presenting conditions relating to both. This was attempted for a previous report but the unsettled conditions succeeding the acute industrial depression which began in July, 1893, rendered it impracticable to secure complete and reliable data. It is also of value to ascertain the number engaged in farming and stockgrowing pursuits, and by continuance of the inquiry ascertain and record the growth or retrogression of those industries. The inquiry on both these lines was therefore taken up this year through the Assessors, Labor Organizations and others well informed on these subjects and the results, either as primary reports or as averaged from the reports of all reporting from a County, are presented below. The average wages paid in the several principal avocations are given with the productive or other statistics elsewhere, and while slight decrease is noticeable in some instances, wages as a rule are well maintained and will compare favorably with those in any other state. It is also a gratifying feature of the exhibit that so large a proportion of wage earners are, or were on July 1st, 1895, employed. It is fair to assume that at the date mentioned all persons following farming or stockgrowing pursuits were working. These were, with two exceptions, reported by Assessors, and in most instances from careful examination of the tax rolls and computation based thereon. Including these, 89 per cent of all persons in the State considered were employed, and of wage earners other than farmers and stockgrowers 82 per cent were employed. While 18 per cent of unemployed in the wage earning classes is large as compared with those who were necessarily out of employment prior to July 1st, 1893 (for up to that date the number of those who wished to work and could not obtain it was very small indeed) it shows a very marked improvement in industrial conditions as compared with Dec. 1st, 1893, when according to the best estimates that could be obtained, more than 20,000 persons were unemployed and over 8,000 had left the State, at least temporarily, on account of the industrial and commercial stagnation consequent on the depression caused by legislation hostile to silver, the injury to that industry disastrously affecting every business in the State. While many silver mines yet remain closed and notwithstanding lower rates of transportation and reduction prevail, only the richer silver ores can be mined with any margin of profit, there has been considerable increase in the number of those mining for gold and a large increase of those mining for copper, or following occupations dependent upon the latter industries. The repeal of the tariff on wool seriously affected that interest. These were blows from which a state of less varied and magnificent resources, or a less courageous and energetic people, would have required many years to recover, but Montana met these adversities resolutely and with a continually increasing population in the past two years presents conditions of employment probably equal to those of any other state.

**TABLE NO. 14—ESTIMATE OF EMPLOYED AND UNEMPLOYED IN MONTANA, BY COUNTIES, JUNE 30, 1895, PRESENTING AGRICULTURISTS AND WAGE EARNERS OF OTHER AVOCATIONS SEPARATELY.**

Counties.	Number of Wage Earners Employed by Farmers and Stockgrowers.	Number of Farm Owners and Male Members of Family over 18 Employed.	Number of Other Wage Earners Employed in County (including Miners, Mechanics, Clerks, Laborers, Etc.	Total of all Classes Employed.	Number of Wage Earners of all Classes out of Employment.
Beaverhead .....	650	520	600	1,770	150
Carbon .....	40	700	481	1,221	50
Cascade .....	400	1,300	1,587	3,287	590
Choteau .....	500	600	400	1,500	100
Custer .....	1,000	1,300	450	2,650	75
Dawson .....	100	45	500	645	a .....
Deer Lodge .....	400	603	2,800	3,803	300
Fergus .....	688	663	305	1,656	a .....
Flathead .....	115	810	645	1,570	130
Gallatin .....	900	1,000	600	2,500	a .....
Granite .....	200	235	800	1,235	250
Jefferson .....	875	1,350	2,050	4,275	275
Lewis and Clarke .....	400	200	b 2,000	2,600	b 1,000
Madison .....	145	500	450	1,095	a .....
Meagher .....	560	52	250	862	200
Mission .....	340	420	1,500	2,260	500
Park .....	100	600	2,250	2,950	550
Ravalli .....	500	1,400	300	2,200	50
Silver Bow .....	120	90	8,862	9,072	1,833
Sweet Grass .....	140	350	50	540	25
Teton .....	300	500	75	875	15
Valley .....	120	900	300	1,320	20
Yellowstone .....	600	400	500	1,500	a .....
<b>Total .....</b>	<b>9,193</b>	<b>14,438</b>	<b>27,755</b>	<b>51,386</b>	<b>6,113</b>

Per cent employed of all reported above..... 89.37 per cent.

Per cent employed of all reported above, other than in Farming and Stockgrowing.... 81.95 per cent.

a. It is stated generally by those making above estimates that where "no unemployed" are reported they refer to those who will work if opportunity is offered and do not refer to the element existing to greater or less extent in all communities that will not work if it has opportunity.

b. Includes 500 females "employed" and 100 "unemployed".

## RAILWAY WAGES AND TRAFFIC.

## Statistics of Railway Employment and Wages.

**TABLE NO. 15**—NUMBER OF EMPLOYEES ON RAILROADS IN MONTANA JUNE 1894  
AND JUNE 1895, (RECEIVING COMPENSATION OF LESS THAN \$2,000 PER ANNUM)  
WITH AVERAGE MONTHLY WAGES OF EACH CLASS IN JUNE 1894  
AND 1895 (WITHOUT BOARD) AS SHOWN BY THE PAY  
ROLLS OF COMPANIES NAMED.

NOTE—Where reports could not be obtained in this form they are presented in the form prescribed by the Inter-State Commerce Commission. There being no R. R. Commission in the State of Montana, and no law requiring R. R. Companies to furnish any statistics to the state, this Bureau is wholly indebted to the courtesy of general officers of the several R. R. Companies for all statistics obtained from them and necessarily took them in such form as could be obtained.

## NORTHERN PACIFIC RAILROAD—By Divisions.

Missouri Division: each to Glendive. Length 42 miles. Pay 30th for preceding month.

Class of Occupation.	No. of EM- PLOY- EES.		AVERAGE WAGES PER MONTH.		Working days per month	Class of Occupation.	No. of EM- PLOY- EES.		AVERAGE WAGES PER MONTH.		Working days per month
	June 1894.	June 30, 1895.	1894	1895			June 1894.	June 30, 1895.	1894	1895	
STATION SERVICE.						MACHINERY DEPARTMENT,					
Operators .....	1	1			30	Engineers, Locomotive...	3	3	\$120 00		30
Agents and Operators.....	1	1		\$ 70 41	30	Firemen, " .....	3	3	65 00		30
MAINTENANCE.						Pumpers and Repairers...	1	1	45 00		30
Track Foremen .....	8	7		47 28	30	Total.....	34	30			
Track Laborers .....	16	15		36 60	27						

## N. P. R. R.—CONTINUED.

Yellowstone Division: Glendive to Billings. Length 225.8 miles. Pay 30th for preceding month.

TRANSPORTATION DEPT.						Work Train Conductors...	2		\$ 87 49		
Superintendent's Clerks...	3	3	\$ 82 17	\$ 82 50	30	Work Train Brakemen...	4		69 71		
Train Dispatchers.....	5	4	104 85	122 41	30	W. B. & T. Watchmen...	3	3	45 50	\$ 40 00	27
STATION SERVICE.						Carpenters and Helpers...	15	33	70 38	49 13	27
Agents, Station.....	2	2	90 00	80 00	30	Painters .....	1	1		115 90	27
Clerks, Station.....	4	3	58 11	56 66	30	Wood Pilers & Coal H'ys	11	9	45 95	46 82	30
Operators .....	13	10	61 02	58 86	30	Pumpers and P. Repairers	6	6	57 20	59 17	27
Agents and Operators.....	5	5	68 00	69 60	30	Masons and Helpers.....	1	1		60 75	27
Station Laborers .....	1	1		55 00	30	Store Laborers.....	1	1		48 80	25
Signalmen, Flagmen, Watchmen	5	4	80 18	81 72	30	MACHINERY DEPARTMENT.					
Other Station Employees...	2	1	25 33	30 00	30	Foremen Mo. Power.....	1	2	81 00	97 50	30
Linemen .....	1	1		70 00	30	Shop Messenger.....	1	1	5 00	5 00	30
TRAIN SERVICE.						Blacksmiths and Helpers.	2	3	51 00	64 32	25
Conductors.....	13	12	94 27	98 80	30	Boilermakers and Helpers.	2	2	64 78	74 16	25
Brakemen .....	26	25	55 31	59 64	30	Carpenters .....	1	1	62 75	59 52	25
Miscellaneous Trainmen...	2	2	47 50	45 00	30	Machinists and Helpers...	1	6	70 71	59 69	25
MAINTENANCE.						Tinsmiths and Helpers...	1	1	54 60	60 15	25
Road Masters.....	2	2	103 50	105 00	30	Car Builders & Repairers...	7	7	58 61	57 62	25
Supt. & Foremen B. & B.	1	4	112 50	86 02	30	Engineers & Firemen (sta)	1	1	66 50	72 00	30
Clerks and Storekeepers...	1	1	67 50	65 00	30	Wipers and R. H. Helpers	11	8	47 19	50 44	25
Track Foremen.....	41	37	52 74	51 30	30	Hostlers and Despatchers.	4	4	60 67	59 04	30
Track Laborers.....	157	118	37 96	36 05	27	Laborers, Shop, Yard, etc.	4	3	48 37	48 10	25
						Watchmen, Shop.....	1	1	53 20	57 00	30
						Engineers, Locomotive...	17	15	117 50	120 00	30
						Firemen, " .....	17	15	63 65	65 00	30
						Foremen, Car Department	1	1		80 00	30
						Total.....	394	360			

## N. P. R. R.—CONTINUED.

Montana Division: Billings to Helena. Length, including Branch Lines, 507½ miles. Pay 30th for preceding month.

Class of Occupation.	No. OF EM- PLOY- EES.		AVERAGE WAGES PER MONTH.		Working month. days per	Class of Occupation.	No. OF EM- PLOY- EES.		AVERAGE WAGES PER MONTH.		Working month. days per
	June 30, 1894	June 30, 1895	*1894	1895			June 30, 1894	June 30, 1895	1894	1895	
<b>TRANSPORTATION DEP'T.</b>											
Superintendent's Clerks..	3	4		\$ 80 62	30	Carpenters and Helpers...	33	54		\$ 64 68	27
Train Despatchers.....	4	5	\$110 00	117 00	30	Painters and Helpers.....		5		53 67	27
						Masons and Helpers.....	1	1		100 25	27
						Wood Pilers & Coal He'vrs	9	13	\$ 50 68	49 88	30
						Pumpers and Repairers...	9	8	60 00	59 38	30
<b>STATION SERVICE.</b>											
Agents, Station.....	9	7	79 54	86 68	30	<b>MACHINERY DEP'T.</b>					
Clerks, Station.....	17	23	69 17	63 42	30	Master Mechanics.....	1	1		160 00	30
Operators.....	21	21	59 66	60 01	30	Foremen M. P. Dep't.....	8	8		95 63	30
Agents and Operators...	23	28	61 82	61 79	30	Foremen Car Dep't.....	2	2		85 00	30
Baggagemen.....	1	2		60 00	30	Messenger, Shops.....		1		5 00	30
Station Laborers.....	8	13	54 82	52 88	30	Apprentices.....	6	4		47 27	25
S'men, Flg'men, W'ch'men	20	21	72 34	69 92	30	Blacksmiths & Helpers...	5	5		55 30	25
Other Station Employes...	2	3		41 66	30	Boilermakers & Helpers...	8	9		54 36	25
Linemen.....		2		70 00	30	Carpenters.....	1	3		55 86	25
Mail Carrier.....	1	1		85 00	30	Machinists and Helpers...	27	34		58 99	25
Miscellaneous.....	1	1	40 00	45 00	30	Painters and Helpers...	2	2		55 67	25
						Tinsmiths and Helpers...	2	2		70 80	25
<b>TRAIN SERVICE.</b>											
Conductors.....	19	24	98 67	93 65	30	Car Builders & Repairers	18	28	61 48	58 85	25
Brakemen.....	39	48	59 95	61 05	30	Engineers & Firem'n (sta)	1	2		59 75	30
						Wipers, R. H. Laborers...	24	25	54 19	49 03	25
						Hostlers and Dispatchers...	7	4		62 83	30
						Laborers, Shop, Yard, etc.	3	5		36 81	25
						Watchmen, Shop.....	1	1		57 00	30
						Engineers, Locomotive...	35	44	100 42	120 00	30
						Firemen, Locomotive....	35	44	61 17	65 00	30
						Store Laborers.....	3				
<b>MAINTENANCE.</b>											
Roadmasters.....	4	4		103 50	30	<b>DINING CAR DEP'T.</b>					
Supt. and Foremen B. & B	1	1		112 50	30	Lunch Counter, Helena...		3		40 53	25
Clerks and Storekeepers...	7	7		65 70	30						
Track Foremen.....	67	74	56 35	79 06	30						
Track Laborers.....	260	278	40 50	37 91	27						
Work Train Conductors...	2	1		110 25	27						
Work Train Brakemen...	5	2		78 62	27						
W. B. & T. Watchmen....	5	6	41 47	38 88	30						
						Total.....	760	884			

\*Comparative data incomplete, owing to different classification in report of 1894.

## N. P. R. R.—CONTINUED.

Rocky Mountain Division: Helena to Hope. Length, including Branch Lines, 568 miles. Pay 30th for preceding month.

<b>TRANSPORTATION DEP'T.</b>						<b>MAINTENANCE, ETC.</b>					
Superintendent's Clerk's...	4	4	\$ 84 37	\$ 79 37	30	Roadmasters...	2	3	\$116 13	\$112 50	30
Train Despatchers...	7	6	109 92	115 04	30	Supt. & Foremen B. & B.	1	1	135 00	135 00	30
Outside Agents & Clerks...		10		99 50	30	Clerks and Storekeepers...	7	7	67 58	38 93	30
<b>STATION SERVICE.</b>						Track Foremen...	76	73	50 46	56 52	30
Agents...	7	8	89 03	84 06	30	Track Laborers...	690	220	40 58	36 82	27
Clerks...	22	26	68 16	63 23	30	Chinese Laborers...	151	93	31 05	29 71	27
Operators...	25	35	64 05	70 14	30	Work Train Conductors...	24	3	97 34	111 65	27
Agents and Operators...	29	28	63 28	62 58	30	Work Train Brakemen...	48	7	72 80	67 96	27
Baggagemen...	3	2	52 30	60 00	30	Pile Driver Men...	31	1	72 55	61 75	27
Mail Carriers...	1	1	60 00	60 00	30	Steam Shovel Men...	1		109 75		27
Laborers at Stations...	14	16	52 61	49 05	30	W. B. & T. Watchmen...	19	13	48 48	43 34	30
S'men, Flg'men, W'ch'men	26	24	65 33	66 96	30	Carpenters and Helpers...	151	26	70 66	69 55	27
Other Employes...	5	7	46 48	41 64	30	Wood Pilers & Coal H'vrs	16	16	50 00	53 13	30
Manager and Wire Chiefs.		1		110 00	30	Pumpers and Repairers...	10	6	56 45	60 83	30
Linemen...		3		70 00	30	Miscellaneous...	2	3	117 33	98 90	27
<b>TRAIN SERVICE.</b>						Masons and He'pers...		3		54 91	27
Conductors...	26	31	98 71	96 44	30	Painters and Helpers...	2	2	57 70	60 87	27
Brakemen...	53	65	60 22	59 70	30	<b>MACHINERY DEP'T.</b>					
Miscellaneous...	1	1	47 50	45 00	30	Master Mechanics...	1	1	135 00	135 00	30
						Foremen Mo. Power...	4	4	94 50	97 50	30
						Foremen Car Dep't...	2	2	90 00	90 00	30

## N. P. R. R.—CONTINUED.

Class of Occupation.	No. of EM- PLOY- EES.		AVERAGE WAGES PER MONTH.		Working days per month.	Class of Occupation.	No. of EM- PLOY- EES.		AVERAGE WAGES PER MONTH.		Working days per month.
	June 23, 1894	June 30, 1895	1894	1895			June 23, 1894	June 30, 1895	1894	1895	
Apprentices .....	2	2	43 95	36 10	25	Laborers, Shop, Yard, Etc	4	4	47 51	42 10	25
Blacksmiths and Helpers..	5	5	47 23	48 59	25	Watchmen, Shop.....	6	1	55 23	68 20	30
Boilermakers & Helpers..	5	4	60 98	54 29	25	Engineers, Locomotive....	52	51	120 77	120 00	30
Carpenters.....	3	3	66 07	53 65	25	Firemen, Locomotive....	52	51	65 55	65 00	30
Coppersmiths & Helpers..	1	1	58 51	57 55	25	Painters and Helpers....	2	2	57 70	64 05	25
Machinists and Helpers...	22	22	75 11	63 52	25	Store Laborers.....	3	3	.....	38 93	25
Car Builders & Repairers...	25	31	61 28	58 54	25	Lunch Counter, Helena...	1	1	.....	57 00	30
Car Cleaners & Oilers.....	2	2	49 75	52 42	25						
Engineers & Firemen (sta)	2	2	49 53	45 91	30						
Wipers and R. H. Laborers	45	42	45 84	50 31	25	Total.....	1700	987			
Hostlers and Despatchers.	11	8	59 48	71 55	30						

## MONTANA UNION RAILWAY.

Butte and Garrison: Length, including branch lines, 72.23 miles. Pay 7th for preceding month.

GENERAL OFFICE.					MAINTENANCE, ETC.				
General Office Clerks.....	3		98 33	30	Roadmaster.....	1		135 00	30
					Sup't B. and B.....	1		40 00	30
					Carpenters.....	5	6	81 72	80 60
					Storekeepers.....	1	1	125 00	125 00
					Section Foremen.....	12	12	67 08	67 08
					Section Laborers.....	54	41	45 80	45 80
					Coal Heavers.....	4	4	60 00	60 00
TRANSPORTATION DEP'T.					MACHINERY DEP'T.				
Train Despatcher.....	1	1	150 00	130 00	R. H. Foremen.....	2		123 75	30
Gen'l Mg's Clerk.....	1		150 00	26	Machinists.....	2	6	108 00	93 60
					Machinists Helpers.....	2	2	90 00	62 12
					Boilermakers.....	2	2	108 00	108 00
					Boilermakers Helpers..	2	3	75 00	75 00
					Blacksmiths.....	1	2	108 00	93 60
					Blacksmiths Helpers.....	1	2	72 00	64 00
					Car Repairers.....	10	8	82 00	80 31
					Pumper.....	1	1	67 50	67 50
					Engineers, Loco.....	8	8	144 90	128 42
					Firemen, Loco.....	8	8	91 26	78 80
					Total.....	176	163		
STATION SERVICE.					TRAIN SERVICE.				
Agents.....	7	6	112 14	108 33	Conductors and Brakemen	9	10	92 77	92 40
Clerks.....	22	14	94 77	86 76					
Operators.....	5	5	80 00	80 00					
Laborers, (Sta.).....	3	2	60 00	60 00					
Swm. Flagmen, etc.....	16	11	102 37	100 31					

## BUTTE, ANACONDA AND PACIFIC RAILROAD.

Butte to Anaconda: Length including Branch Lines 42.6 miles. Pay 8th for preceding month.

TRANSPORTATION DEP'T.					MAINTENANCE, ETC.				
Train Despatcher.....	1	1	150 00	150 00	Roadmaster.....	1		110 00	110 00
					Foreman B. and B.....	1	1	100 00	100 00
					Storekeeper.....	1	1	115 00	100 00
					Track Foremen.....	6	6	68 00	68 33
					Track Laborers.....	180	36	40 75	52 50
STATION SERVICE.					MACHINERY DEP'T.				
Station Agents.....	2	3	112 50	95 00	Foreman M. P. & M.....	1	1	100 00	100 00
Clerks.....	6	6	81 70	76 16	Foreman Car Dept.....	1	1	90 00	100 00
Operators.....	2	1	87 45	95 00	Blacksmiths and Helpers.	2	2	79 00	81 20
Laborers.....	1	1	65 00	65 00	Boilermakers and Helpers	2	2	76 00	81 20
Sw. Flag and Watchman..	36	30	81 90	96 60	Carpenters.....	2	2	78 00	91 00
					Machinists and Helpers...	15	8	72 40	76 70
					Car Repairers.....	7	8	65 00	65 00
					Car Cleaner.....	1	1	67 50	67 50
					Wipers and R. H. Laborers	14	11	60 00	60 00
					Hostlers.....	3	3	75 00	85 00
					Engineers.....	16	11	125 25	123 25
					Firemen.....	20	15	75 60	75 90
TRAIN SERVICE.					GENERAL OFFICE.				
Conductors.....	6	6	91 00	115 00	Clerks.....	3	3	113 50	106 66
Brakeman.....	13	11	65 00	75 00	Total.....	344	182		

## UTAH AND NORTHERN RAILWAY—UNION PACIFIC SYSTEM.

Idaho Division: Monida to Silver Bow: Length including Branch Lines, 125½ miles; Pay 21st for preceding month.

Class of Occupation.	No. OF EM- PLOYES.		AVERAGE WAGES PER MONTH.		Working days in Month.....	Class of Occupation.	No. OF EM- PLOYES.		AVERAGE WAGES PER MONTH.		Working days in Month.....
	June 30, 1894.	June 30, 1895.	1894	1895			June 30, 1894.	June 30, 1895.	1894	1895	
STATION SERVICE.						MECHANICAL DEPT.					
Station Agents .....	6	6	\$77 67	\$77 58	30	Engineers .....	16	14	108 00	130 37	30
Clerks .....	2	2	70 00	70 00	30	Fireman .....	15	15	62 80	65 11	30
Operators .....	5	5	69 10	69 10	30	*M. P. & C. DEPT.					
Switchmen .....	3	4	85 00	85 00	30	Division Foreman .....		1		125 00	30
Messengers .....	1	1	15 00	15 00	30	Clerk .....		1		70 00	30
TRACK DEPARTMENT.						Machinists and Helpers .....		3		77 08	25
Section Foreman .....	23	22	65 00	65 00	30	Blacksmiths and Helpers .....		2		57 50	25
Laborers .....	77	78	43 50 d	1 45	30	Boilermaker and Helpers .....		2		71 87	25
Watchmen .....	2	1	43 50 d	1 45	30	Engineers (Sta) .....		1		56 25	25
Roadmasters .....	1	1	125 00	125 00	30	Laborers .....		2		60 00	30
TRAIN SERVICE.						Hostlers and Helpers .....		4		71 85	30
Conductors.....	5	6	138 80	131 74	30	Car Inspector .....		6		78 33	30
Brakemen .....	10	13	88 70	76 93	30	Eng. Watchman .....		2		60 00	30
						Pumpers .....		2		60 00	30
						Wipers and R. H. Laborers .....		6		57 50	30
						Total .....	166	200			

\* Not reported for 1894.

## GREAT FALLS AND CANADA RAILWAY. (NARROW GAUGE.)

Great Falls to Sweet Grass; Length including Branch Lines, 133 miles; Pay 22d for preceding month.

Class of Occupation.	No. OF EM- PLOYES.		Average wages per month.....	No. of working days per month....	Class of Occupation.	No. OF EM- PLOYES.		Average wages per month.....	No. of working days per month.....
	June 30, 1895.....	June 30, 1896.....				June 30, 1895.....	June 30, 1896.....		
TRANSPORTATION DEP'T.					MAINTENANCE, ETC.				
Train Despatchers.....	1		\$125 00	30	Roadmaster.....	1		62 50	15
STATION SERVICE.					Section Foremen.....	1		51 53	26
Agents and Operators.....	4		67 38	26	Section Laborers.....	18		39 00	26
Agents Clerks.....	1		54 65	25	Pumpers.....	1		50 00	30
Sw. men and Watchmen....	2		56 25	30	Carpenters.....	1		65 00	26
Other Station employes....	3		56 50	26	MACHINERY DEP'T.				
TRAIN SERVICE.					Car Repairers.....	2		62 50	26
Conductors.....	3		92 93	26	Wipers.....	1		37 50	30
Brakeman.....	1		51 54	25	Engineers, Loco.....	4		113 00	26
					Fireman, Loco.....	5		63 50	26
					Total.....	61			

NOTE.—Former statements of the G. F. & C. Ry having included that portion of the road operated in Canada and the above being for Montana only, comparative figures cannot be given this year.

## GREAT NORTHERN RAILWAY COMPANY.

Comparative Montana Force Report for years ended June 30, 1894 and 1895.

Class of Employees.	Number Men.		Total Days Worked.		Total Yearly Compensation.		Average Daily Compensation.	
	1894	1895	1894	1895	1894	1895	1894	1895
General officers.....	2	2	732	730	\$ 5,853 37	\$ 6,227 19	\$8 00	\$8 53
General Office Clerks.....	22	34	7,988	9,694	15,929 09	20,164 23	1 99	2 08
Station Agents.....	20	43	7,424	10,845	12,045 86	18,978 10	1 62	1 75
Other Station Men.....	50	77	18,394	29,137	74,946 07	117,130 46	4 07	4 02
Engineers.....	52	83	18,956	29,051	43,813 37	66,818 73	2 31	2 30
Firemen.....	34	74	11,439	17,773	40,089 35	57,230 83	3 51	3 22
Conductors.....	66	165	23,383	35,554	48,070 31	71,464 41	2 06	2 01
Other Trainmen.....	24	52	7,872	5,231	24,367 77	16,111 62	3 10	3 08
Machinists.....	42	40	13,848	14,683	34,628 82	40,526 55	2 50	2 76
Carpenters.....	176	297	56,563	53,083	107,485 55	100,326 94	1 90	1 89
Other Shopmen.....	103	141	38,215	44,297	60,166 33	71,760 94	1 57	1 62
Section Foremen.....	363	833	118,222	172,912	180,192 73	263,826 92	1 52	1 52
Other Trackmen.....	26	47	8,308	13,290	20,789 56	33,607 05	2 50	2 51
Switchmen, Flagmen & Watchmen	36	59	12,908	18,004	28,508 62	40,328 46	2 21	2 24
Tel. Operators and Dispatchers...	70	176	25,337	36,690	40,717 29	64,940 69	1 61	1 77
All other Employees & Laborers...								
Total.....	1,086	2,123	369,589	491,074	737,529 09	988,442 72	2 00	2 01

## DISTRIBUTION OF ABOVE.

General Administration.....	2	2	732	730	5,853 37	6,227 19	8 00	8 53
Maintenance of Way & Structures.	508	1,014	170,285	231,892	274,917 88	375,114 01	1 61	1 62
Maintenance of Equipment.....	200	349	64,435	58,314	131,833 32	116,438 56	2 05	1 99
Conducting Transportation.....	376	758	134,137	200,138	324,904 52	490,662 96	2 42	2 45
Total.....	1,086	2,123	369,589	491,074	737,529 09	988,442 72	2 00	2 01

## MONTANA CENTRAL RAILWAY COMPANY.

Comparative Force Report for years ended June 30, 1894 and 1895.

General Officers.....	6	6	2,190	2,190	\$ 5,178 80	\$ 7,720 01	\$2 36	\$3 52
Other Officers.....	3	2	1,080	730	7,091 01	6,183 38	6 56	8 47
General Office Clerks.....	15	18	5,334	6,540	10,934 66	13,803 65	2 05	2 11
Station Agents.....	14	20	5,392	6,155	12,884 36	14,710 47	2 39	2 39
Other Station Men.....	20	33	7,468	12,508	14,991 34	26,129 78	2 01	2 04
Engineers.....	24	53	8,426	14,500	33,945 35	56,697 64	4 03	3 91
Firemen.....	24	60	8,644	14,565	18,864 69	33,659 55	2 30	2 28
Conductors.....	16	54	5,613	8,911	18,822 76	28,872 42	3 35	3 24
Other Trainmen.....	36	146	12,905	20,221	28,064 41	44,081 55	2 17	2 18
Machinists.....	2	5	708	6,304	2,175 53	17,652 57	3 07	2 80
Carpenters.....	29	31	10,308	4,023	27,908 93	11,868 11	2 71	2 95
Other Shopmen.....	23	63	11,393	39,054	29,163 72	83,575 41	2 56	2 14
Section Foremen.....	35	46	13,061	15,685	22,776 56	26,977 51	1 74	1 72
Other Trackmen.....	125	434	44,726	44,472	73,727 17	65,374 33	1 65	1 47
Switchmen, Flagmen & Watchmen	16	36	6,608	10,509	16,977 76	26,379 11	2 57	2 51
Tel. Operators and Dispatchers...	12	28	4,756	5,561	9,452 48	12,067 57	1 99	2 17
All other Employees & Laborers...	33	86	12,187	22,104	27,621 04	44,430 61	2 27	2 01
Employees act Floating Equipm't.								
Total.....	433	1,141	160,799	234,532	361,580 57	520,183 67	2 25	2 22

## DISTRIBUTION OF ABOVE.

General Administration.....	24	26	8,604	9,460	\$ 23,204 47	27,707 04	2 70	2 93
Maintenance of Way & Structures.	189	511	68,095	64,180	124,412 66	104,219 95	1 83	1 62
Maintenance of Equipment.....	25	68	12,101	45,358	31,339 25	101,227 98	2 59	2 23
Conducting Transportation.....	195	536	71,999	115,534	182,624 19	287,028 70	2 54	2 48
Total.....	433	1,141	160,799	234,532	361,580 57	520,183 67	2 25	2 22

## BURLINGTON &amp; MISSOURI RIVER RAILROAD IN MONTANA.

Employees and Salaries, Montana, year ended June 30, 1895.

Class of Occupation.	No. of Em- ployes June 30, 1895	Total No. of Days worked during year	Total yearly Compensation.	Average Daily Compensation.
General Officers .....	1	365	\$2,400 00	\$6 58
General Office Clerks.....	3	939	3,420 00	3 64
Station Agents.....	4	1,460	3,000 00	2 05
Other Station men.....	4	1,252	2,940 00	2 35
Engineers .....	5	1,825	7,774 38	4 26
Firemen .....	5	1,825	3,908 20	2 14
Conductors .....	4	1,460	5,261 37	3 60
Other Trainmen .....	7	2,555	6,512 44	2 60
Machinists.....	1	313	1,200 00	3 83
Carpenters .....	16	5,008	10,309 97	2 06
Other Shopmen.....	4	1,252	2,646 25	2 11
Section Foremen .....	16	5,840	10,620 00	1 82
Other Trackmen.....	32	10,016	13,433 42	1 34
Sw. men, Flagmen and Watchmen.....	1	365	780 00	2 14
Telegraph Operators and Dispatchers.....	1	365	720 00	1 97
All other Employees and Laborers.....	2	626	1,085 02	1 73
Total .....	106	35,466	76,115 95	2 15
Less General Officers.....	4	1,304	5,820 00	.....
Total Less General Officers.....	102	34,162	70,295 95	2 06

Note.—The length of line operated by the above Company is as follows:

Montana line to Huntley (owned by B. & M. R. R.).....	101.74 miles
Huntley to Billings (Leased of Northern Pacific R. R.).....	12.90 miles
Total .....	114.64 miles

The Company began operating the road in Montana, August 1st, 1894; completed through to Billings, October 28, 1894. No traffic statistics were obtainable.

## RECAPITULATION.

Name of Road. (Including Branch Lines.)	Division or Terminals.	Length in Miles.	No. of EMPLOYEES.*			Pay of Employees for Month of June, 1895.
			June 30, 1893	June 23, 1894	June 30, 1895	
Northern Pacific R. R.....	Missouri Division .....	42.00 e	No. 30	No. 34	No. 30	Dollars. 1,550 37
" " .....	Yellowstone Division .....	225.80	397	394	360	20,184 97
" " .....	Montana Division .....	507.50	1,008	760	884	52,832 56
" " .....	Rocky Mountain Division.....	568.00	1,235	1,700	987	56,925 15
		1,343.30	2,670	2,888	2,261	131,493 05
Great Northern Ry.....	(In Montana) .....	801.90 e	1,086	1,086	2,123 a	82,370 22
Montana Central Ry .....	Butte—Great Falls .....	256.00 e	433	433	1,141 a	43,348 64
Montana Union Ry.....	Butte—Garrison.....	72.23	442	176	163	12,309 36
Butte, Anaconda & Pac Ry.	Butte—Anaconda.....	42.60	.....	344	182	14,419 17
Utah & Northern Ry.....	Silver Bow—Monida .....	125.50	126	166	200	13,103 69
Burlington & Mo. R. R. R....	Montana Line—Huntley .....	b 101.74	.....	.....	106 a	6,342 16
Great Falls & Canada Ry....	Great Falls—Sweet Grass.....	133.00	115	92	61	3,480 45
	Totals .....	2,876.27	4,872	5,185	6,237	306,866 74
	12 months at this rate .....	.....	.....	.....	.....	3,682,400 88

a, One-twelfth yearly compensation: b, does not include 12.90 miles leased line from Huntley to Billings; e, Estimated. \*There are slight discrepancies in the number of men reported employed by some Railroads for 1894 in their reports last year and this.

### \*Statistics of Railroad Traffic.

**TABLE NO. 16**—CLASSIFIED STATEMENT SHOWING CERTAIN COMMODITIES RECEIVED AND FORWARDED FROM ALL STATIONS IN MONTANA ON NORTHERN PACIFIC RAILROAD DURING THE YEARS ENDED JUNE 30, 1894 AND 1895.

Commodities.	RECEIVED FROM				FORWARDED TO.			
	Points in Montana.		Points Outside Montana.		Points in Montana.		Points outside Montana.	
	1894	1895	1894	1895	1894	1895	1894	1895
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Wheat.....	5,626	10,710	720	302	5,626	10,710	847	702
Other Grain.....	17,674	20,346	814	495	17,674	20,346	6,168	10,234
Flour.....	6,691	9,242	5,607	4,958	6,691	9,242	119	212
Other Mill Products.....	2,979	2,699	970	1,507	2,979	2,699	324	359
Hay.....	12,266	12,525	88	154	12,266	12,525	600	190
Fruit and Vegetables.....	4,200	3,832	1,760	1,826	4,200	3,832	143	8,294
Live Stock.....	5,535	8,757	1,555	4,852	5,535	8,757	71,332	63,510
Other Packing House Products.....	159	398	1,120	997	159	398	15	773
Poultry, Game and Fish.....	6	6	23	66	6	6	.....	12
Wool.....	89	451	.....	.....	89	451	4,573	4,888
Coal.....	n. r.	195,551	n. r.	2,657	n. r.	195,551	n. r.	246

**TABLE NO. 17**—STATEMENT SHOWING TONS OF COMMODITIES SHIPPED FROM STATIONS ON NORTHERN PACIFIC RY. IN THE STATE OF MONTANA DURING THE YEAR ENDED JUNE 30, 1895.

Commodity.	Tons.	Commodity.	Tons.
Wheat.....	11,412	Lumber.....	123,790
Other Grain.....	30,580	Other Forest Products.....	79,167
Flour.....	9,454	Petroleum and other oils.....	718
Other Mill Products.....	3,058	Sugar.....	76
Hay.....	12,715	Iron, Pig and Bloom.....	918
Fruit and Vegetables.....	12,126	Iron and Steel rails.....	170
Live Stock.....	72,267	Other Castings and Machinery.....	1,953
Dressed Meats.....	267	Bar and Sheet Metal.....	368
Other Packing House Products.....	904	Cement, Brick and Lime.....	7,333
Poultry, Game and Fish.....	18	Agricultural Implements.....	261
Wool.....	5,339	Wagons, Carriages and Tools.....	386
Hides and Leather.....	804	Wines, Liquors and Beers.....	637
Anthracite Coal.....	631	Household Goods and Furniture.....	1,320
Bituminous Coal.....	195,166	Merchandise.....	26,387
Coke.....	25,357	Miscellaneous.....	14,655
Ores.....	94,023	Foreign Co's Equipment.....	54
Stone, Sand, etc.....	25,312	Total.....	767,719

\* A principal object in view originally in requesting statistics of Traffic from Railroad Companies was to ascertain by this means the amount of Farm Products, Stock, etc., shipped into or out of the State. Schedules designed to elicit that information, such as reported on by the Montana Union Co. were forwarded to all Railroad Companies. Lack of uniformity in keeping the statistics, and other causes, prevented the full accomplishment of the purpose. Some companies approximated what was requested while others gave such statistics as were conveniently available, and they were presented as received. Responses to the inquiry, however, gave promise that through the courtesy of Railroad Officials, there being no statute requiring them to furnish the same, some general exhibits of the Railroad Traffic of the State, might be secured and year by year the Bureau has succeeded in obtaining better results, approximating the best that can be done until the State sees proper to enact a law requiring complete and uniform reports from Railroads.



**TABLE NO. 18**—STATEMENT SHOWING POUNDS OF ALL COMMODITIES SHIPPED FROM STATIONS ON GREAT NORTHERN (INCLUDING MONTANA CENTRAL) RAILWAY LINE IN THE STATE OF MONTANA, DURING YEARS ENDED JUNE 30, 1894 AND 1895.

Commodity.	WEIGHT—POUNDS.		Commodity.	WEIGHT—POUNDS.	
	1894	1895		1894	1895
Wheat.....	790,470	9,080,490	Bar and Sheet Metal ....	135,330	450,190
Rye.....	130	90,260	Pig Iron.....	173,170	
Oats.....	3,314,260	9,582,940	Old Iron Scrap.....	1,196,010	2,271,030
Corn.....	25,070	4,120	R. R. Iron, new.....	194,620	20,000
Barley.....	36,270	167,330	Iron Ore.....	440	
Flour.....	4,949,930	9,446,500	Copper Matte.....	47,518,530	58,069,140
Mill Stuff.....	1,394,020	3,631,040	Copper Ore.....	337,054,370	393,515,810
Hay.....	5,311,890	5,289,880	Copper Bar and Ingots.....		62,571,940
Poultry.....	14,630	37,700	Silver and Lead Ore.....	63,733,520	52,736,580
Wool.....	6,530,520	7,331,390	Silver Bullion.....	6,430,580	5,757,970
Fruit and Vegetables.....	1,658,770	1,911,700	Copper Bullion.....	64,131,040	
Tallow.....	17,920	137,490	Stone.....	52,504,750	81,646,140
Hides.....	887,480	802,300	Brick.....	6,276,360	12,290,680
Other Farm Products.....	186,960	270,690	Lime.....	1,122,140	2,094,600
Beans.....	105,880	55,520	Cement.....	132,160	383,610
Game and Fish.....	83,880	5,200	Sand.....	466,480	6,996,560
Potatoes.....	2,167,460	4,562,190	Salt.....	439,140	489,680
Butter.....	10,200	66,520	Hard Coal.....	252,850	201,020
Dressed Hogs.....	100,970	106,050	Soft Coal.....	810,316,900	1,224,218,080
Dressed Beef.....	135,740	175,340	Coke.....	1,047,890	4,775,160
Lard.....	31,050	56,620	Machinery.....	686,030	1,525,590
Pork and Beef.....	16,150	37,980	Wagons, Car., Tools, etc.....	295,920	270,430
Other Provisions.....	392,740	222,930	Agricultural Implements.....	148,480	169,590
Cattle.....	60,348,470	67,955,850	Household G'ds & Fur.....	282,730	1,773,200
Horses.....	1,927,880	1,882,740	Other Manufactures.....	332,130	580,900
Hogs.....	104,570	42,880	Petroleum and Oils.....	909,070	1,151,380
Sheep.....	14,205,150	7,449,050	Wine, Liquors and Beer.....	2,617,130	2,127,340
Lumber, Lath, Shingles.....	21,302,180	38,778,950	Emigrant Movables.....	1,839,370	1,107,920
Ties.....	14,719,230	4,674,420	Leather.....		8,050
Wood.....	148,841,080	154,544,110	Merchandise.....	7,984,770	8,426,330
Miscellaneous.....	10,223,480	11,861,640	Other Railroad Material.....	784,520	161,010
Iron and Steel.....	491,940	415,140	Miscellaneous.....	7,084,750	10,317,210
Castings.....	843,070	825,890			
			Grand Total.....	1,757,250,620	2,277,489,990

**TABLE NO. 19**—CLASSIFIED STATEMENT OF FREIGHT TRAFFIC (COMPANIES MATERIAL EXCLUDED) AT ALL STATIONS ON MONTANA UNION RAILWAY DURING YEAR ENDED JUNE 30, 1894.

Commodity.	Received from connecting Roads and other Carriers.....			Total.	Commodity.	Original on this Road.....			Total.
	Tons	Tons	Tons			Tons	Tons	Tons	
Products of Agriculture.					Concentrates.....	6,529			6,529
Grain.....	169	3,195	3,364		Products of Forest.				
Flour.....	113	2,699	2,812		Lumber.....	3,261	104,716	107,977	
Other Mill Products.....	86	941	1,027		Manufactures.				
Hav.....	344	7,240	7,584		Petroleum and other Oils.....	64	1,434	1,498	
Tobacco.....		42	42		Sugar.....	37	1,368	1,405	
Cotton.....					Naval Stores.....				
Fruit and Vegetables.....	444	6,547	6,991		Iron, Pig and Bloom.....	114	2,743	2,857	
Products of Animals..					Iron and Steel Rails.....	620	714	1,334	
Live Stock.....	139	8,447	8,586		Other Castings and Machinery.....	483	252	735	
Dressed Meats.....	25	49	74		Bar and Sheet Metal.....	3	179	182	
Other Packing House Products.....	58	1,028	1,086		Cement, Brick and Lime.....	530	5,401	5,931	
Poultry, Game and Fish.....		31	31		Agricultural Implements.....		89	89	
Wool.....	8	27	35		Wagons, Carriages, Tools, etc.....	18	65	83	
Hides and Leather.....	235	5	240		Wines, Liquors and Beers.....	123	1,744	1,867	
Products of Mines.					Household Goods & Furniture.....	221	501	722	
Anthracite Coal.....	1	404	405		Merchandise.....	1,451	7,722	9,173	
Bituminous Coal.....	2,605	199,035	201,640		Miscellaneous; other articles not mentioned above.....	3,453	57,338	60,781	
Coke.....		448	448		Total Tonnage.....	66,602	427,092	493,694	
Copper and Copper Matte.....	10,086		10,086						
Ores.....	30,672	1,602	32,274						
Stone, Sand & like articles...	4,710	11,096	15,806						

**TABLE NO. 20**—CLASSIFIED STATEMENT SHOWING CERTAIN COMMODITIES RECEIVED AND FORWARDED FROM VARIOUS STATIONS ON BUTTE, ANACONDA & PACIFIC RAILWAY DURING 12 MONTHS ENDING JUNE 30, 1895.

Commodities.	RECEIVED FROM		FORWARDED TO	
	Points in Montana.	Points Outside Montana.	Points in Montana.	Points Outside Montana.
	Tons	Tons	Tons	Tons
Grain.....	156		156	
Flour.....	431	52		
Other Mill Products.....	57			
Hay.....	10		10	
Fruit and Vegetables.....	61	78	61	
Live Stock.....	157		157	
Other Packing House Products.....	20	49		
Poultry, Game and Fish.....	11		11	
Miscellaneous.....	77,766	7,547	77,766	661
Total.....	78,669	7,726	78,161	661

**TABLE NO. 21**—STATEMENT OF FREIGHT FORWARDED FROM ALL STATIONS ON GREAT FALLS AND CANADA RAILWAY DURING YEARS ENDED JUNE 30, 1894 AND 1895.

DESCRIPTION (Revenue Freight.)	Freight originating on this road.		Freight received from connecting roads and other carriers.	
	1894	1895	1894	1895
	Pounds.	Pounds.	Pounds.	Pounds.
Wheat.....	11,510	37,155		48,450
Barley.....		11,000	300	
Oats.....	42,750	71,766	70,050	34,080
Corn.....	800			
Flour.....	62,990	96,334	312,650	
Other mills products.....	22,220	143,580	84,900	48,750
Root Crops (Potatoes, Turnips, Onions, etc.).....	38,060	27,760	9,490	7,440
Hay.....	71,100	27,540		
Peas and Beans.....	2,430	3,440	3,600	1,300
Tea.....	110	40		
Other Farm Products.....	54,960	132,668	32,146	12,380
Dressed Meats.....	5,030	6,414	40,920	
Hides and Leather.....	50,577	15,201	640	16,780
Wool.....	614,866	901,841		
Other Packing House Products.....	15,945	30,377	750	170
Poultry and Game.....	230	50		
Other Dairy Products (Eggs, butter, cheese, etc.).....	4,140	3,596	2,890	1,300
Canned Fish, and all products of the sea.....	2,450	3,558	700	9,130
Lumber, feet.....	220,400	473,780	75,400	2,196,120
Other Forest Products.....	850			25,930
Coal.....	240	3,970	65,926,900	61,189,340
Salt.....	26,310	60,665		
Ores.....				227,250
Bricks.....	8,600			
Lime and Cement.....	12,830	9,010		
Rails (new).....	100			
Agricultural Implements.....	9,460	9,410	400	2,780
Petroleum and other oils.....	15,140	24,670	50	
Wines, Liquors and Beers.....	28,210	52,373	56,500	8,130
Household Goods and Furniture.....	43,905	20,018	24,690	32,820
Emigrants Movables and Stock.....	1,500	20,000		199,070
Miscellaneous.....	111,995	176,428	85,360	42,560
Ice.....	4,340	10,753		350
Sheep and Lambs.....		20,000		
Horses.....	98,000	67,500		
Other Animals.....	3,500	20,000	3,000	
		376	70	40
Total of Revenue Freight.....	1,585,548	2,480,273	66,731,406	64,103,970
(FREE FREIGHT.)				
Coal.....	95,000	340,400	1,710,500	* 1,440,710
Lumber, including telegraph poles.....		7,800	3,550,000	2,556,188
Ties.....		183,000	4,460,000	1,563,860
Rails.....	51,220	76,000	92,480	320,380
Iron, Scrap.....		6,000	24,120	
Miscellaneous.....	194,775	219,155	522,990	57,423
Total of Free Freight.....	340,995	832,355	10,360,090	5,938,561
Grand Total.....	1,926,543	3,312,628	77,091,496	70,042,531

\* Anthracite.

**TABLE NO. 22.**—CERTAIN CLASSIFIED COMMODITIES RECEIVED AND FORWARDED FROM STATIONS ON MONTANA UNION, DURING 12 MONTHS ENDED JUNE 30, 1895.

Commodities.	Received from Points.		Forw'd to Points.		Rec'd from Points.		Forw'd to Points.		Rec'd from Points.		Forw'd to Points.		Received from Points.		Forw'd to Points.	
	In State	Out of State.	In State	Out of State.	In State	Out of State.	In State	Out of State.	In State	Out of State.	In State	Out of State.	In State	Out of State.	In State	Out of State.
	Butte.		Silver Bow.		Stuart.		Anaconda.									
Horses, Head.....	16	100	34						18				240		3	
Cattle ".....	1,220	8,620			820	440							305			
Sheep ".....	1,600	1,320			320	240								200		
Hogs ".....	1,440	1,880											500	700		
Wheat ".....									1				100	72		
Corn ".....		102	6						4				57	471		
Oats ".....	1,240	134	45		18								720	312		
Barley ".....		30			120									22		
Potatoes ".....	610	612	36						1				2,000	700		
Hay ".....	4,489	1,086	75		20					883			500	76		
Flour ".....		296	18		16	10			4	1			150	45		
Corn Meal ".....		485	28										79	18		
Oat Meal ".....													5	100		
Pork and Bacon ".....	20	506	12										90	71		
Smoked Meats ".....									1				6	88		
Butter ".....	½	204	8										44	70		
Oleomargarine ".....		1½												19		
Cheese ".....		16	1										18	12		
Poultry ".....	2	45	4										2	17		
Eggs, Gross.....	160	75,890	1150						20				209	1,100		
Fruits ".....	38	2,019	760						1	1			39	211		
Vegetables ".....	196	1,495	306		8				3	1	1		200	711		
Wool ".....							5					8				
Coal ".....		219,000			8966	8966			1				49	30,000		
Ore ".....	1,295									70			5,000	165		
Lumber, Car Loads.....	3,112	18			44	42			10		2	1	2,700	44		
Wood ".....	958				6	922							1,680			
	Warm Springs.		Deer Lodge.		Garrison.		Total.									
Horses, Head.....			10	20	16	14							276	100	54	42
Cattle ".....	290	26											2,635	9,086	1	
Sheep ".....													2,920	1,660		
Hogs ".....				40									1,980	2,580		
Wheat ".....	20			30	15	3			2				151	89	3	
Corn ".....				7									68	573	6	
Oats ".....	32			53	7	124							2,063	453	169	
Barley ".....				20					2½				140	54½		
Potatoes ".....	3			7		60	80		1				2,621	1,313	96	80
Hay ".....	66					140							5,075	1,162	498	
Flour ".....	84			100	60	10			3¼				354	405¼	38	
Corn Meal ".....	2			12	5	2							93	508	30	
Pork and Bacon ".....				2	11	3			2½				112	610¼	15	
Smoked Meats ".....	1			2	13	2							10	101	2	
Oat Meal ".....	3			9	5	1							17	105	1	
Butter ".....				1	1								45½	275	8	
Oleomargarine ".....					1									21½		
Cheese ".....					2								18	30	1	
Poultry ".....													4	62	4	
Eggs, Gross.....				100	12								489	76,990	1162	
Fruits ".....	2	1		20	25	2			1½				100	2,258½	762	
Vegetables ".....				4									411	2,208	307	
Wool ".....						65										78
Coal ".....	32	282			120	3							82	255,368	8969	
Ore ".....						200							6,295	165	270	
Lumber, Car Loads.....	36			12									5,914	62	44	1
Wood ".....					43								2,644		922	

**TABLE NO. 23.**—STATEMENT OF CLASSIFIED COMMODITIES FORWARDED AND RECEIVED BY EACH STATION ON UNION PACIFIC SYSTEM (UTAH & NORTHERN) IN MONTANA DURING YEAR ENDED JUNE 30, 1895. (Tons 2,000 lbs).

COMMODITIES. Forwarded by each Station.	Coal .....	Coke .....	Cattle .....	Cement, Plaster & Lime .....	Bullion, Lead and Matte .....	Drugs, paints glass oil, etc. . .	Dry Goods, Clothing, Shoes, etc.	Flour, Wheat, Bran, Etc.	Vegetables, Fruits etc.	Groceries . .	Hardware, Nails, etc.	Hay .....	Hides and Tallow . .	Hogs .....	Horses and Mules . . .	Lumber & other forest prods	Machinery and Cast- ings .....	Ore Silver.	Pelts and Wool ....	Provisions.	Steel Rails & R. R. Ma	Stone and Brick ....	Sheep .....	Wagon Car- riages Ag Imp'm'ts	Wheat, oats Barley, Rye, etc. . .	Wines and Liquors . .	Miscellane- ous .....	
Apex.....									141			137						20				100		29		11		
Barrett's ..									90			556						40						56				
Beaudine ..									735			47												79				
Buxton.....																												
Crab Tree ..																												
Daly's .....																												
Dyer's .....																												
Dell.....																												
Dillon.....									1,219			552																
Divide.....									36			2,960																
Earle.....																												
Feeley's .....																												
Grayling ..																												
Gray's Spur.																												
Glen.....																												
Lima.....									166			192																
Maiden.....									10			101																
Melrose.....									765			98																
Monida.....									190			1,090																
Red Rock....									10																			
Silver Bow ..																												
Woodin and Keith's																												
Total forwarded 1895									10			5,980																
Total forwarded 1894	65							76	795			12	12	10	118	10,999	18	2,620	384		4,223		700	20	2,418	1,247		
REC'D. BY EACH STATION.																											1,000	
Apex.....																											2	
Barrett's ..																											1	
Beaudine ..																											33	
Buxton.....																												
Crab Tree ..																												
Dyer's .....																												
Dell.....																												
Dillon.....																												
Divide.....																												
Feeley's .....																												
Lima.....																												
Melrose.....																												
Monida.....																												
Red Rock....																												
Silver Bow ..																												
Total received 1895	11,493	485	2,022	38		400	46	897	278	785	219	96			40	2,278	650		3	149	35	302		113	261	500	102	5,333
Total received 1894	25,111	1,585	1,489	634		255	22	524	173	663	110	356			89	1,143	469			82	17	23		156	198	337	130	4,118

**TABLE NO. 24—AVERAGE WAGES, HOURS WORK PER DAY, ETC., OF EMPLOYEES IN AND AROUND MINES, MILLS AND SMELTERS IN PRINCIPAL EMPLOYING COUNTIES, AS TAKEN FROM REPORTS MADE BY EMPLOYERS OF 7,600 MEN—FOR YEAR ENDED JUNE 30, 1895.**

## MINES.

Occupation.	Deer Lodge County.	Granite County.	Jefferson County.	Lewis & Clarke County.	Madison County.	Missoula County.	Park County.	Silver Bow County.
Blacksmiths	\$ 3 83	\$ 4 25	\$ 4 15	\$ 4 25	\$ 3 75	\$ 4 00		\$ 4 10
Blacksmiths' Helpers		3 00	3 00					3 00
Carmen	3 00	3 50			2 93		\$ 3 00	3 50
Carpenters		4 00	4 00	4 00				4 50
Clerks and Bookkeepers		mo 140 00	mo 150 00			mo 125 00		mo 150 00
Compressor Men								3 50
Engineers	3 70	4 00	4 00	4 00		4 00	3 50	4 00
Firemen		3 00		3 00		3 50		3 50
Foremen	day	mo 191 00	4 75	5 00	mo 127 00	5 66	4 00	mo 175 00
Laborers	2 69	3 00	3 00	3 00		2 50		3 00
Machinists			4 25	4 00				4 17
Miners	3 33	3 50	3 40	3 50	3 14	3 50	3 25	3 50
Pumpmen	4 00		4 00	3 50				4 00
Ropemen								3 65
Shift Bosses	4 50	4 00	4 08					4 75
Station Tenders			3 50					3 50
Timbermen	3 53		3 50			3 50		4 00
Tool Sharpeners			4 00					3 50
Teamsters		3 00	3 00		2 60			3 00

## MILLS AND SMELTERS.

Occupation.	Cascade County.	Deer Lodge County.	Granite County.	Jefferson County.	Lewis & Clarke County.	Madison County.	Park County.	Silver Bow County.
Amalgamator		\$ 4 00				\$ 4 00		
Assayer	m \$193 00	150-200						m \$150 00
Blacksmiths	4 00	4 00			\$ 4 00	\$ 3 75		4 00
Blacksmiths' Helpers	2 50	3 25			2 50			
Bookkeepers and Clerks	mo 100-150	125-150						
Bricklayers	6 00	6 00						
Carpenters	4 16	4 50		\$ 4 00	4 00			4 50
Carpenters' Helpers	2 82				2 50			
Concentrator Men	2 75-3 50	2 75						
Crusher Men		3 00	\$ 3 00	3 00				
Dippers	4 00	4 00						
Dynamo Tenders	3 50							
Electrolytic Men	2 62							
Electric Crane Men	3 25							
Electricians	4 00							
Engineers	4 00	4 00	4 00	4 00	4 00	4 00		4 00
Firemen	3 08	3 35		3 30	2 87			3 25
Foremen	3 00-6 00	105-230	5 50		4 00			5 83
Feeders	3 25	3 50			3 22			3 75
Furnace Men	3 56				3 00			4 00
Jigmen		3 50						
Laborers	2 25	2 50	3 00	3 00	2 25			3 00
Lead Burners	4 88							
Lead Burners' Helpers	2 37							
Machinists	3 87	4 00			4 00			4 00
Machinists' Helpers	2 75	3 50						
Masons	5 00	6 00			5 00			5 60
Masons' Helpers	2 50				2 25			
Mill and Battery Men		4 00	3 66	4 00		3 50		
Pokers and Graters	3 00							
Pot Pullers	2 25	3 00						3 50
Panners				4 00				
Rope Splicers	3 00	3 00						
Roasters	2 37			3 50	2 37			
Samplers	2 67				2 37			
Skimmers	3 75	4 00						
Skimmers' Helpers		3 50						
Tappers	3 25	3 50						
Teamsters	2 50							
Trammers	2 75							
Vanners		4 00				2 50		
Weighers	2 93							
Watchmen	2 66	3 50						
Hours work per day	10 & 12	8-12	8-12	8-12	10 & 12	8-12	10-12	8-12
Av. No. days' pay withheld pay day	10		15	10-15	12	10-30	15	4-17
Hospital dues per man	\$1 00-1 50	\$1 00-2 00	\$1 25	\$1 00-2 00	\$1 00-1 50	\$1 00		\$1 00-2 50
Board and Lodging per week	5 50	7 00	7 00	6 25		6 00	\$6 50	7 00

Beaverhead County: Miners' average wages per day, \$2.66; 10 hours work per day; 15 days' pay withheld.

Choteau County: Miners' average wages per day, \$3.50.

Missoula County: Mill men: 10 hours work per day; hospital dues, \$1.00 per month; board and lodging, \$7.00 per week.



each machine is the equivalent is reported at 3 5-6, the 16 machines thus taking the place of 61 compositors by hand. Total number of persons employed by those reporting is 416—301 male adults, 14 female adults, 93 boys and 8 girls. The average number of working hours of employes is reported to be 8½ hours.

AVERAGE WAGES (WITHOUT BOARD) OF PRINTING EMPLOYEES, AS REPORTED BY EMPLOYERS FOR YEAR ENDED JUNE 30, 1895.

Classification.	No. reported.	Av. Wages.	Time.	Classification.	No. reported.	Av. Wages.	Time.
Editors (Dailies).....	16	\$30 00	Week	Reporters.....	7	\$28 57	Week
Editors (Weeklies).....	15	26 60	"	Stereotypers.....	9	37 00	"
Solicitors (Larger Papers).....	6	110 82	Month.	Pressmen.....	9	37 25	"
Solicitors (Weeklies, etc.).....	3	68 00	"	Bookbinders.....	3	24 00	"
Bookkeepers.....	8	98 12	"	Rulers.....	1	27 00	"
Foremen (Dailies).....	25	30 00	Week	Machinists (Typesetting Mach.).....	1	30 00	"
Foremen (Weeklies).....	21	22 26	"	Proof Reader.....	1	30 00	"
Compositors (Dailies).....	62	26 32	"	Folders, etc. (Female).....	9	6 44	"
Compositors (Dailies).....	11	47 1,000ms	"	Helpers (Feeders, Pressmen, Stereotypers, etc).....	22	13 00	"
Compositors (Weeklies).....	22	18 62	Week	Apprentices.....	25	5 20	"
Compositors (Weeklies).....	5	35 1,000ms	"	Carriers.....	46	14 47	Month.

TABLE NO. 26—FLOURING MILLS, YEAR ENDED JUNE 30, 1895.

Abbreviations: W, Wood or Water; I, Iron; S, Stone; d, double; o. d., demand; e, estimated.

Tracing Number.	Material of Building .....	Height in stories..	MILLING PROCESS.		Power used .....	Number of Horse Power .....	Maximum capacity in barrels in day of 24 hours.....	Weeks mill operated during year...	Why operations were suspended.	Average number of Employes .....	Hours in day's work.....	Days in week's work .....	How often wage paid .....	Paid in Cash or Merchandise ....	Amount paid for Labor in year.....	If any accidents occurred past year; nature of same..
			Runs of Stones.	Pairs of Rolls ..												
1	W .....	5	14 d		W & S	150	300	35 a		14	10-11	6	mthly	Cash.	\$12,000 00	No. ...
2	W .....	4	12		W .....	75	125	35		5	11	6	"	Both.	3,500 00	"
3	W. I. ....	5	28		W .....	200	350	52		13	10-12	6	W'kly.	Cash.	17,100 00	"
4	W .....	3	12	1	S .....	75	150	12 a		8	10	6	Mthly.	"	2,770 00	"
5	W .....	3	1		1 W .....	30	18	(b)		1		1	"	"	480 00	No. ...
6	W .....	3	10		S .....	50	125	50		3	11	6	W & M	Cash.	6,600 00	"
7	W .....	2	6		1 W .....	50	40	52		3	10	6	o. d.	"	2,500 00	"
8	W .....	4	5 d		W .....	30	75	36 c		3	12	6	"	"	2,000 00	"
9	W .....	3			3 W .....	45	25	12 a		2	10	6	"	"	750 00	"
10			4		1	30	40			3				e	800 00	"
11	W .....	4	6		W .....	30	50	43 a		2	12	6	o. d.	Cash.	1,500 00	No. ...
12	W .....	4	9		W .....	55	100	20 a		10	10	6	m'thly.	"	500 00	Yes
13	W-Br	5	7 d		S .....	125	200	45 d		12	10	6	S mly.	"	6,000 00	No. ...
14	W-St.	3	4 d		S .....	45	80			7	10	6	w'kly.	"	3,200 00	"
						990	1,678			82					\$59,700 00	

a. Lack of business, no sale for product; (b) Custom mill; (c) No grain; (d) Repairs.

Tracing Number..	No. BUSHELS WHEAT GROUND.		No. Pounds Flour Produced.	Value of Same at Mill.	No. Pounds Feed Produced.	Value of Same at Mill.	Total Value of all Products for Year.	Capital Invested in Business	Average Value of wheat per bushel at Mill.....	Average Weight of Montana wheat per bushel at Mill.....
	Montana.	Imported.							lbs.	cts.
1	200,000		8,000,000	\$100,000	4,000,000	\$25,000	\$125,000	\$200,000	60	40
2	61,000		1,960,000	30,000	1,700,000	10,000	40,000	20,000	59	50
3	115,000	145,000	12,058,712	175,000	3,931,008	20,000	195,000 e	100,000	59	75
4	18,750		746,000	9,750	379,000	1,894	11,644	35,000	60	45
5	1,714		68,536	1,029	76,099	761	1,790	1,000	60	50
6	100,000	4,000	4,450,000	66,500	400,000	4,000	70,500	30,000	59	45
7	9,786		381,640	8,587	176,140	1,582	10,169	20,000	60	60
8	23,000		920,000	14,720	350,000	2,450	17,170	25,000	60	45
9	5,040		141,220	2,117 e	175,000	1,550	3,667	25,000	62	80
10	9,000		369,000	5,535	360,000	3,600	9,135 e	20,000	60	50
11	25,000		1,025,000 e	16,400			16,400 e	20,000	61	45
12	6,000		216,000	2,350	85,000	350	2,700	15,000	60	64
13	200,000		9,090,000	121,200	1,250,000	12,500	133,700	120,000	61	45
14	e 35,000		1,500,000	20,000	350,000	2,300	22,300	4,000		
	809,290	149,000	40,926,168	573,188	13,232,247	85,987	\$659,175	\$635,000		

TABLE NO. 26—CONTINUED.

Trading Number.....	Per Cent increased Production of Flour as compared with year ended June 30, 1894	Estimated increased Consumption of Flour in State as Compared with Year ended June 30, 1894.	Does Montana Flour apparently give satisfaction? Does the demand increase with use?	Is the quality of Montana Flour improving?	Is the best Montana wheat as good flouring grain as best Minnesota or Dakota wheat?	Will it average with it in grade?	Is Business prosperous as compared with preceding years.
1	10	None.	Partially.	Not lately.	No.	No.	No. (1)
2	10	10	Yes.	Yes.	Yes.	Yes.	Yes.
3	n. r.	n. r.	n. r.	n. r.	Not quite.	Not quite.	No. (2)
4	"	"	Yes.	Yes.	Think it is.	Yes.	Yes.
5	40	25	"	"	"	Very nearly.	"
6	60	"	"	"	"	No.	Same.
7	None.	None.	"	"	No.	Yes.	"
8	"	"	"	"	Think not.	n. r.	"
9	n. r.	n. r.	Yes-No.	"	Yes.	Yes.	No.
10	None.	"	n. r.	n. r.	n. r.	n. r.	n. r.
11	n. r.	"	Yes.	Yes.	Yes.	Yes.	Yes.
12	30	35	"	"	No.	No.	"
13	"	20	"	"	"	"	"
14	"	"	"	"	"	"	"

(1) Declining market; General depression. (2) Competing mills with better freight rates. n. r.: no report.

Reports were received from 14 milling companies, believed to be all mills operated in State; they employ 82 persons; the maximum capacity of all is 1678 barrels of flour in 24 hours' run. The total capital invested by them in the milling business is \$635,000; amount paid for labor in year \$59,700; total number bushels of wheat ground is 958,290 (809,290 of Montana wheat and 148,000 of imported wheat); No. bushels of wheat ground as reported for year ended June 30, 1895, was 640,741—an increase of 317,549 bushels for 1895. Pounds of flour produced for year ended June 30, 1895, 40,926,168; value of same at mill \$573,188; pounds of feed produced 13,232,247; value at mill \$85,987; total value of all products \$659,175, as against a total reported product of \$483,092 in 1894, an increase of \$176,083.

#### COMPARATIVE WAGES OF EMPLOYEES OF FLOURING MILLS FOR YEARS ENDED JUNE 30.

	1895	1894	1893		1895	1894	1893
Bookkeepers, per mo.....	\$ 89 00	\$ 89 00	\$ 89 00	Millers, 2nd per month.....	\$ 76 75	\$ 76 95	\$ 81 62
Engineers " ".....	97 30	82 42	82 42	Oilers, per day.....	2 50	2 00	2 00
Firemen & ass't eng'n'rs per day	3 10	"	"	Wheat buyers, per mo.....	66 75	"	"
Flour packers, per mo.....	66 75	"	71 50	Wheat cleaners, per day.....	2 31	2 25	2 25
Laborers, " ".....	57 10	55 12	55 12	Salesmen, per mo.....	100 00	"	"
Millers, Head, " ".....	108 73	103 80	113 50				

#### THE FLOURING INDUSTRY—VIEWS OF MANUFACTURERS, ETC.

With a view to obtaining from the best authority expression as to the conditions and flouring qualities of Montana wheat; the quality of flour now being produced by Montana mills as compared with former product; the reasons why so much flour is imported into and sold in Montana, and what would tend to develop wheat growing and consumption of Montana made flour in the State, letters were addressed a few months ago by the Commissioner of this Bureau to proprietors of leading flouring mills in the State requesting their views on these matters. Following are responses direct, except as to the Royal Mill, items concerning which are given from reliable sources:

#### BIG BLACKFOOT MILLING COMPANY—BONNER, MISSOULA COUNTY.

In reply to your communication of 30th. September will say there are several difficulties which confront the Montana miller in meeting competition from neighboring states.

Owing to the low market value of wheat that has prevailed for the last two years the farmer complains that he cannot raise it at a profit and has restricted the acreage of wheat, thereby compelling the local miller to shut down his plant a large portion of each year. His period of idleness is a dead loss and adds to the cost of production, thereby placing him at a disadvantage in competing with the outside miller with an abundant wheat supply at his door.



The wheat raised in this State lacks uniformity. This is caused by too many varieties of seed being used. Without uniformity in wheat it is a difficult matter to mill a uniform grade of flour, that is, a flour which requires no change in method of baking from time to time. This is our greatest difficulty. Before local mills were established throughout the State, Dakota, Minnesota, Missouri and Washington mills supplied Montana with flour and the consumer became accustomed to using the flour from these states. When local mills placed their output on the market they found a strong prejudice existing against home made stuff and the only successful method that could be adopted was to manufacture a flour, not only as good as the outside article, but one that required similar treatment in baking. To do this it is necessary to have wheat similar to that milled by our competitors. What the millers of Montana require is a good variety of winter wheat and also a sufficient quantity of Hard Spring wheat to meet the requirements of consumers of flour made from this variety. Almost anything is preferable to the soft spring wheats so largely raised at present.

Until the Montana farmer raises a better variety of wheat it will be impossible to entirely shut out the product of other states.

A great many of the farmers who ship to this mill have raised Hard Spring wheat from seed obtained in Dakota, and have been fairly successful and with a little more experience in its cultivation we think it will be raised more generally. From careful observation we are satisfied that the "Fultz" winter wheat, commonly raised in Missouri, is very well suited to conditions as they exist in Montana. This wheat is an excellent milling wheat and we have been informed by parties raising it that it yields well.

The flour mills of Montana are fully as well equipped as any to be found, and there is enough capacity within the state to feed our entire population. It is all handicapped by lack of suitable raw material.

We have endeavored to give you a comprehensive idea of the chief difficulties and if we can be of any further service to you in the matter of promoting home enterprises we shall be glad to do so. We may add that we have given the two varieties of wheat (Fultz and Hard Spring) a fair test as to results as flour producers and we can recommend them as being very satisfactory.

#### BOZEMAN MILLING CO., BOZEMAN, GALLATIN COUNTY.

It is only within the last three years that the farmers of Gallatin Valley have devoted any attention to raising hard spring wheat. This is largely due to the fact that until lately no suitable mills were at hand to grind hard wheat flour properly. Two modern roller mills were erected and put in operation here at Bozeman about the beginning of 1893, Nelson Story & Co. re-building their mill, it having a capacity of three hundred barrels per day, and the Bozeman Milling Co. built their plant with a capacity of two hundred barrels per day. These are both modern roller mills, the best that money could build. Up to the time these mills were built Dakota and Minnesota flour had full sway in Montana markets. While there were some small mills in the State, their products were consumed locally. On the completion of our plant we went into every town and city in the State where we were not barred by excessive tariff rates to find a market for our products. We discovered that a deep seated prejudice existed against Montana flour, and it was generally believed that Montana wheat would not make good flour. The impression existed that wheat could not be grown in Montana without irrigation, and that irrigation softened wheat to such an extent that starch took the place of gluten. It is quite unnecessary here to discuss the irrigation problem and its relative bearing on hard wheat culture, for the reason that the great bulk of hard wheat as well as winter wheat that comes to our mill is grown on the high foot hills and is not irrigated. In the Flathead district, which is known as the "wheat belt of Gallatin," none of the wheat is irrigated. It is now getting to be understood that Montana grown hard wheat reaches the highest state of perfection, and is the richest and finest hard wheat grown in the world.

In your question No. 14, you ask: "Does Montana flour give perfect satisfaction, and the demand increase with use?" Yes, when we once get a foothold and the consumer gives our flour a trial it generally results in our favor, and the consumer becomes an enthusiastic advocate of the home product. In your question No. 15 you ask us: "Is the quality of Montana flour improving?" We answer yes. We are producing better quality of flour than can be found elsewhere. No. 16 you ask: "Is the best Montana wheat as good flour grain as the best Dakota or Minnesota wheat?" We again answer yes. Our best Montana wheat is graded one grade higher in Minnesota market than the best Minnesota or Dakota wheat. No. 17 asks: "Will it average with it in grade?" We again answer in the affirmative.

I enclose herewith set of resolutions adopted at a farmers convention held in Bozeman in 1894, in which Dr. Traphagen, the chemist at the College of Agriculture and Mechanic Arts of Montana, compares by chemical analysis No. 1 Dakota hard wheat

and Montana grown hard wheat with the result that the Montana product is found to contain 2 per cent more nitrogenous substance than the best Dakota No. 1 hard wheat. It seems to me that it does not require a very great stretch of imagination to predict that in the near future the people of Montana will not only appreciate the efforts of her people in erecting large and expensive milling plants for the manufacture of her cereals into flour, the quality of which is found to be superior to any imported article found in our markets by the most critical scientific tests, but will recognize the home product and will put aside their prejudice and adopt the use of our home products exclusively.

A few years ago barley grown in Gallatin Valley was tested for brewing purposes. From this moment a demand was created until to-day the present crop is being exported to Germany and other countries. This barley is recognized far and wide as the finest barley for malting and brewing purposes grown in the world. Every cereal grown in this state when thoroughly tested has been found to thoroughly mature and reach the highest state of perfection. Our Montana hard wheat for instance matures, the grain is uniform in size, ripens thoroughly, in fact fully matures. In Dakota and other states very frequently visited by drouth, fully one-half of the grain is dried up and does not reach maturity. The grain is shrunken and cannot make as good bread stuff as grain which fully matures even in the same climate; therefore, in many instances to make a flour that is popular for family use it is necessary for the millers to put upon the market what is called blended flour, using the Dakota flour for strength and mixing winter wheat flour to get the necessary color. We are manufacturing a hard wheat flour made exclusively from hard wheat which for color, purity, strength and milling excels anything that has ever reached this market.

These are facts that can be ascertained by any who desire the truth and care to undertake a scientific investigation of these products.

#### NELSON STORY & Co., BOZEMAN, GALLATIN COUNTY.

In reply to your favor of the 30th ult. would say that there are several reasons for the large importation of foreign flour into Montana:

First. We must reluctantly admit that, generally speaking, flour made from Montana hard wheat contains more starch and less gluten than flour made from Dakota wheat, hence is not so desirable for bakers use as the Dakota flour, which will absorb more water and make more bread to the same quantity of flour.

Second. There is a strong tendency in the mining camps, and especially among miners who have steady employment at good wages, to buy the *best*, and they select an article more because it is high priced or of foreign manufacture, than of any real known merit of quality. This is probably characteristic of people who have the wherewith to buy in general, but in Montana it is more noticeable among the mining class than any other.

Third. The merchant or dealer who handles flour has very much to do with the importation of the outside article. Here in Montana almost every dealer has the exclusive control or sole agency of his town or vicinity, of a flour manufactured by some Dakota or Minnesota mill. When a customer comes in to buy, unless he inquires for Montana flour and insists on having it, he is told: "We have Bozeman flour at so much, a very good flour, but we do not guarantee it; and we have a brand of Minnesota (or Dakota, as the case may be) which costs more, but we guarantee it. We know this is good and if it should not prove satisfactory return it." This little speech on the part of the dealer results in the customer taking the Minnesota flour. The reason that the dealer prefers to sell the Dakota flour is that he makes a larger margin on it. He has no competition on that particular brand, or mill's flour, and by making people believe that it is better than all others, especially of Montana manufacture, he makes the sale at a higher price. The Montana mills require a more general patronage than one dealer in a town or place, and can not give sole agencies, thus the different dealers handling the same goods cut the prices until there is not a sufficient margin left to induce them to make any effort to sell it, but rather the contrary.

There was a time 12 or 15 years ago when the quality of Montana flour was not as good as it might have been, and that is used as an argument to prejudice the people against the products of our mills of more modern construction.

Fourth. The principal mills of Montana are located near the center of the State, and to reach the outskirts on either side, a distance of nearly 350 miles, freight rates are against us, as well as cheaper wheat in Western Dakota and Eastern Washington. The mills at Dickinson, Gladstone and Mandan, Dakota, with hard Scotch Fife wheat ranging from 38 cts. to 42 cts. per bushel can ship their flour to Miles City, Montana, on a 32 cts. per cwt. freight rate, while we, here at Bozeman, who pay 45 cts. per bushel for hard wheat, pay 36 cts. per cwt. freight rate to Miles City. The freight rates from Bozeman to Missoula and Montana points west, are about the same as from Spokane, but wheat at Spokane last year was 10 cts. to 12 cts. per bushel lower than the same grade of wheat at Bozeman, and this year about 5 cts. per bushel lower. You may

wonder why farmers cannot raise wheat as cheaply in Montana as in Dakota or Washington. Perhaps they can, but they have not raised it one year with another right along, because previous to this year barley has been the better paying crop.

And occasionally there has been a year when oats paid better than either wheat or barley. Montana barley commands a premium in the eastern markets of 8 cts. to 12 cts. per cwt. over barley from any other state. This is why barley as a rule has been the best crop for the Montana farmer. Oats have ranged in price during the last ten years from 50 cts to \$2.00 per cwt., owing to the supply and demand, high prices one year meaning almost to a certainty a low price the following year because everybody sowed oats.

We hope we have made ourselves clear on the situation as it appears to us. As to suggesting any remedies we are at a loss to know what to say. It seems to be one of those cases that nothing but time will decide. We believe our milling capacity ample for Montana and our machinery used and work performed of the very best, but we are sandwiched in between two of the greatest wheatgrowing states in the Union, North Dakota on the east, and Washington on the west, and they are constantly making war as it were, on this neutral territory.

#### RELATING TO THE ROYAL MILL, GREAT FALLS, CASCADE COUNTY.

The Royal Milling Company's mill at Great Falls has a daily capacity of 500 barrels. It is a modern one in every particular. Prior to starting it in 1893, the company distributed to the farmers in the vicinity of Great Falls, three cars of hard Dakota seed wheat and during the next two years placed with them about 6,000 bushels of seed wheat each year. They are now receiving as a result as choice hard wheat as is raised in any section of the Dakotas, and it is just as wholesome and high a quality of flour as is made in those states. The company still imports a great portion of its wheat from Dakota, as wheat growing in Cascade County is yet in its infancy and the supply insufficient for the requirements of the mill, but that is a matter production will soon adjust.

#### STILES & WALDORF, LEWISTOWN, FERGUS COUNTY.

"Owing to careless farming and late seeding much of our wheat is either frosted or smutty. From these causes not over 50 per cent of wheat offered for sale is fit for flour. Wheat raised on bench land without irrigation makes good flour and compares favorably with Dakota flour. In fact choice spring wheat grown on bench land makes better and more flour to the bushel than Dakota wheat. Farmers should fall plow their land; seed early; use blue stone and not irrigate too much. If this were done there is no reason why Montana wheat should not be used almost entirely to bread the State."

TABLE NO. 27—MANUFACTURERS OF

Abbreviations: O. D., on demand; N. M., no market; S, Steam; W, water; B. W., bad weather.

Tracing Number.	Date of Report.	Kind of Power.	No. of Horse Power.	Average No. of Employees.	Number of hours constituting day's work.	How often wages paid.	How many days pay withheld.	Pay in Cash or Merchandise.	Number of weeks mill run past year.	Why operations were suspended.	Are employees required to work Sunday.	If any accidents occurred, nature of same.	Capital invested in Business.	Expended for Labor year ended June 30, 1895.
1	Oct. 3.	S. & W	1,000	230	11	M'y.	None.	Both.	52		no	no	\$300,000	\$91,466
2	Oct. 26.	S.	700	276	11	"	"	Cash.	40	B. W.	"	"	731,000	152,840
3	Oct. 17.	S.	40	14	1	"	"	Both.	12	N. M.	"	"	30,000 e	3,000
4	Oct. 10.	S.	16	11	10	"	"	"	36	B. W.	"	"	2,000 "	3,500
5	Sept. 23.	S.	20	10	10	"	"	Cash.	12	N. M.	no	"	3,000	1,800
6	Oct. 21.	S.	38	9	10	O. D.	"	"	2	"	"	no	5,000 e	1,300
7	Oct. 24.	S.	40	30	11	"	"	"	28	"	"	"	16,000	2,800
8	Oct. 35.	S.	45	20	10	"	"	"	24	"	"	"	10,000 e	7,500
9	Aug. 21.	S.	20	9	10	M'y.	none.	"	14	N. M.	no	no	1,500	600
10	Aug. 25.	W.	16	10	10	"	"	"	"	"	"	"	500 e	100
11	Aug. 19.	S.	20	12	10	"	none.	Both.	"	"	"	"	1,700 e	1,100
12	Sept. 28.	S.	30	10	10	Irreg.	"	"	50	"	"	"	2,000	1,800
13	Sept. 21.	S.	30	10	10	"	"	"	4	"	"	"	1,500	270
14	Aug. 31.	S.	30	31	10	O. D.	none.	Cash.	44	B. W.	"	"	10,000	8,010
15	Aug. 19.	S.	17	10	10	M'y.	"	Both.	13	"	"	"	3,000	321
16	Sept. 30.	S.	25	10	10	"	"	Cash.	"	"	"	"	3,000 e	2,500
17	Sept. 30.	S.	80	13	10	M'y.	none.	Cash.	5	"	"	"	14,000	2,600
18	Sept. 15.	S.	100	53	10	"	15 da	"	"	"	"	"	100,000 e	15,000
19	Sept. 9.	S.	18	9	10	"	"	"	8	"	yes	"	1,300 e	420
20	Aug. 20.	S.	25	9	10	"	"	"	15	"	"	no	3,000	2,000
21	Aug. 27.	S.	14	10	10	M'y.	23 da	"	"	"	"	"	900 e	1,500
22	Sept. 23.	S.	20	12	10	"	15 da	"	"	"	"	"	1,500	2,145
23	Sept. 30.	S.	15	12	11	"	15 da	Both.	30	"	"	"	4,500	2,900
24	Aug. 19.	W.	8	11	10	O. D.	"	Cash.	6	N. M.	"	no	800	90
25	Aug. 19.	W.	16	11	10	"	"	"	12	"	"	"	2,500 "	1,140
26	Sept. 25.	W.	30	10	10	"	"	Both.	13	"	"	"	2,000 e	1,350
27	Sept. 21.	S.	35	10	10	Irreg.	none.	Both.	6	"	"	"	6,000	2,000
28	Sept. 19.	S.	30	15	11	O. D.	"	Cash.	7	"	"	"	1,500	3,600
29	Aug. 19.	S.	35	10	10	"	"	"	"	"	"	"	1,000 e	400
30	Aug. 18.	S. & W	30	10	10	"	"	Cash.	12	N. M.	"	"	3,000 e	150
31	Aug. 26.	S.	30	10	10	M'y.	none.	Both.	"	"	"	"	2,000 e	1,300
32	Aug. 24.	S.	13	10	10	"	"	Cash.	8	N. M.	no	no	850	155
33	Sept. 7.	S.	25	20	11	M'y.	15 da	"	6	"	"	"	30,000	5,575
34	Aug. 26.	S.	15	6	10	"	"	"	"	"	"	"	2,000 e	250
35	Oct. 1.	W.	28	6	10	M'y.	none.	Cash.	5	N. M.	"	"	2,500	340
36	Sept. 2.	W.	30	1	10	"	"	"	"	"	"	"	300	30
37	Sept. 1.	W.	38	1	10	O. D.	none.	Cash.	"	"	"	"	2,000 e	3,000
38	Aug. 31.	S.	16	6	10	"	"	"	1	N. M.	"	"	1,500	350
39	Oct. 7.	S.	18	6	10	Irreg.	"	Both.	27	"	"	"	2,500 e	1,500
40	Oct. 10.	S.	25	20	11	O. D.	"	Cash.	42	"	"	"	8,000	5,460
41	Sept. 16.	S.	115	40	10	O. D.	"	"	32	N. M.	"	"	46,000	12,000
42	Sept. 26.	S.	40	20	10	M'y.	none.	"	26	"	"	"	30,000	5,000
43	Oct. 3.	S.	30	18	11	O. D.	"	Both.	36	"	"	"	3,000	3,600
44	Oct. 10.	W.	30	5	10	M'y.	"	Cash.	16	"	"	"	4,000 e	1,750
45	Oct. 12.	S.	28	12	11	O. D.	none.	"	"	"	"	"	3,000 e	2,000
46	Oct. 15.	S.	40	20	11	"	"	"	"	"	"	"	10,000 e	9,500
47	Oct. 6.	S.	18	3	10	"	"	"	2	"	"	"	500	18
48	Sept. 24.	S.	15	5	10	M'y.	none.	Cash.	20	"	"	"	2,000	900
49	Aug. 21.	S.	40	9	10	"	"	"	8	"	"	"	2,500	1,500
50	Oct. 12.	S.	16	10	10	"	none.	Both.	20	B. W.	"	"	4,000	2,000
51	Aug. 16.	S.	40 e	45	"	"	"	Cash.	"	"	"	"	80,000	20,775
52	Oct. 19.	W.	100	30	11	O. D.	"	Both.	14	"	"	"	30,000	10,000
53	Oct. 28.	S.	21	4	10	O. D.	"	"	"	"	"	"	2,000	900
54	Oct. 7.	S.	100 e	50	10	M'y.	10 da	Cash.	"	"	"	"	200,000	17,183
55	Oct. 28.	S.	50	25	11	O. D.	none.	"	28	"	"	no	20,000	12,000
56	Oct. 26.	S. & W	13	3	10	M'y.	"	"	10	"	"	"	1,500	815
57	Nov. 6.	S.	16	9	10	"	15 da	"	38	B. W.	"	"	4,000	800
58	Nov. 1.	W.	8	2	10	Daily	"	Mdse.	15	N. M.	"	"	800	350
59	Nov. 1.	S.	16	4	10	M'y.	"	Both.	"	"	yes	"	3,000	800
60	Nov. 20.	W.	58	4	11	M'y.	none.	Cash.	30	"	no	no	5,000	2,200
61	Nov. 20.	S.	16	3	10	Irreg.	"	"	35	B. W.	"	"	2,000	1,000
62	Nov. 19.	S.	20	2	10	O. D.	none.	"	"	N. M.	"	"	3,000	300
63	Dec. 3.	S.	15	"	"	"	"	"	"	"	"	"	500	"
			3,563	1,265	104								\$1,764,550	\$443,991

Reports were received from 63 Saw and Shingle Mills; the amount of capital invested by them is \$1,764,550; amount expended for labor \$443,991; they produced 86,967,203 feet of rough lumber; 16,794,532 feet of finished lumber; 15,250,000 shingles and \$40,036 of other manufactures; the total value of all manufactures at mill is stated at \$803,983.

The total number of employees is reported at 1,265; 50 mills use steam for motive power; 3 steam and water and 10 water, their combined horse power being 3,563; 17 employers pay in Cash and Merchandise, all others pay in cash; the average number of working hours is 104, two accidents were reported, finger and foot cut.

## LUMBER FOR THE YEAR ENDED JUNE 30, 1895.

Tracing Number.	PRODUCT FOR YEAR ENDED JUNE 30, 1895					Is Industry prosperous as compared with year ended June 30, 1894.	If not, why?
	Feet of Rough Lumber	Feet of Finished Lumber.	No. of Lath and Shingles.	Value of Sash, Doors and other Manufacture.	Total value of all Products.		
1	25,474,720	7,934,114	1,300,000	\$8,000	\$173,949	yes	
2	12,980,544	1,935,418	1,500,000	15,000	149,941	"	
3			6,650,000		7,315	no	Low Price
4	400,000			1,300	5,200	yes	
5	600,000				3,500	no	No demand for lumber.
6	350,000				3,500	yes	
7	2,500,000				19,000	"	
8	3,000,000				25,000	"	
9	133,340				2,000	"	
10	30,000				450	"	
11	225,000				2,700	yes	
12	300,000				3,600	"	
13	168,000				1,512	"	
14	1,881,519			3,286	16,455	yes	
15	50,000	15,000	50,000		1,135	"	
16	1,000,000				8,000	"	
17	1,044,257	175,000			6,533	"	
18	2,294,823				22,948	"	
19	140,000				1,000	"	
20	300,000	100,000	40,000		2,750	yes	
21	300,000				2,100	"	
22	225,000				3,375	"	
23	1,250,000	600,000			10,600	no	
24	100,000				800	yes	
25	500,000				2,500	"	
26	600,000				3,500	"	
27	1,000,000				6,000	no	No sale for product.
28	750,000				4,500	yes	
29	80,000		25,000		1,300	"	
30	100,000				1,600	"	
31	300,000				4,800	no	
32	75,000			150	900	"	
33	700,000	300,000	60,000		4,700	yes	
34	150,000				1,500	"	
35	235,000				2,467	no	No demand for Lumber
36	50,000				600	"	
37	300,000	40,000	100,000		5,025	no	No demand for Lumber
38	50,000				600	yes	
39	125,000	40,000	100,000	500	2,800	"	
40	2,000,000				12,000	"	
41	4,000,000				30,000	yes	
42	2,000,000				10,000	no	
43	1,000,000				6,000	"	
44	460,000				2,500	no	
45	500,000				3,500	yes	
46	2,500,000				15,000	"	
47	35,000				350	"	
48	250,000	40,000			4,550	"	
49	200,000				2,400	"	
50	200,000			900	3,300	yes	
51	2,000,000	1,800,000		5,000	53,000	no	Undue competition.
52	1,000,000			6,000	13,000	yes	
53	150,000				1,500	"	
54	7,000,000	2,250,000			84,595	"	
55	3,000,000	1,500,000			25,000	"	
56	175,000				3,450	yes	
57	160,000				1,600	"	
58	200,000				2,000	no	Scarcity of money
59	125,000	5,000			2,000	yes	
60			5,400,000		6,048	"	
61	150,000	60,000	125,000		4,775	yes	
62	60,000				720	"	
63	40,000				540	"	
....	86,967,203	16,794,532	15,250,000	\$40,036	\$803,983		

## COMPARATIVE AVERAGE WAGES OF SAW MILL EMPLOYES, AS REPORTED BY EMPLOYERS.

No. of employes reported in 1893, 1,086; in 1894, 589; in 1895, 1,265.

Classification.	AVERAGE WAGES			Per	Classification	AVERAGE WAGES			Per
	1895	1894	1893			1895	1894	1893	
Bookkeepers.....	\$83 46	.....	.....	Mo.	Ratchet Setters.....	\$47 50	.....	.....	Mo.
Foremen.....	112 78	92 10	102 14	"	Sawyers.....	*3 51	*3 60	*3 71	day
Engineers.....	85 54	87 94	89 09	"	Carpenters.....	*3 46	.....	4 44	"
Laborers.....	*35 38	*31 71	*36 50	"	Blacksmiths.....	*2 84	*2 25	*2 41	"
Edgers.....	*40 58	80 08	75 14	"	Machinists.....	*3 37	.....	2 85	"
Off-bearers.....	*39 28	64 75	76 00	"	Shingle Sawyers.....	* 08	.....	10	1,000
Teamsters.....	*39 17	41 11	44 19	"	Packers.....	* 08	.....	10	1,000

\* With Board and Lodging.

TABLE NO. 28.—PRODUCING COAL MINES REPORTED FOR YEAR ENDED JUNE 30, 1895.

Abbreviations: St.: Steam; C. A.: Compressed Air; H.: Horse; E.: Electric.

Tracing Number	Acres of Coal Land owned.....	Acres of Coal Land worked out.....	Character of Coal.	Working Seams.	Total Thickness of Seams.....	Dip of Vein in Degrees.....	Worked Through Drift, Slope, or Shaft.	GREATEST LENGTH OF			Greatest vertical depth of present workings.	Kind of Power used.....	Number of Horse Power.....
								Drift.....	Slope.....	Shaft.....			
1	1,080	600	Semi-Bituminous	No.	Feet	Deg.	Drift	Feet	Feet	Feet	Feet	St CA	H. P.
2	3,300	.....	Bituminous	1	17	45	Drift and Slope	1,000	900	.....	1,300	St m.	200
3	1,800	300	Semi-Bituminous	6	48	20	"	6,560	1,275	.....	450	"	320
4	1,680	45	Bituminous	1	10	80	Drift	2,300	.....	.....	600	H.	est 600
5	40	1	"	1	6 1/2	.....	"	1,800	.....	.....	.....	St m.	.....
6	160	.....	"	1	3	.....	"	300	.....	.....	.....	"	.....
7	107	1	Lignite	1	4	.....	Shaft and Drift	150	.....	64	.....	H.	1
8	.....	.....	Bituminous	1	7	.....	Drift	1,000	.....	.....	.....	"	1
9	.....	.....	"	2	4	.....	"	200	.....	.....	.....	"	.....
10	80	.....	"	1	6	.....	Drift and Slope	125	100	.....	25	H.	1
11	120	2	Lignite	1	3	Level	Slope	.....	300	.....	.....	"	5
12	40	.....	Bituminous	1	5	45	Drift	115	.....	.....	30	.....	.....
13	40	1	Lignite	4	4 1/2	Level	"	300	.....	.....	60	.....	.....
14	320	.....	"	3	5	.....	"	300	.....	.....	.....	.....	.....
15	520	.....	Bituminous	1	5	.....	Slope and Drift	6,700	1,200	.....	1,700	St m.	350
16	4,000	33	"	3	18	.....	Drift	3,000	.....	.....	100	.....	.....

TABLE NO. 28.—CONTINUED.

Tracing Number.....	AVERAGE NUMBER OF EMPLOYES.					Hours in day's work	No. days in week's work	No. days' pay withheld	Paid in Cash or Merchandise	Average price paid miners per Ton....	For "screened" or "all mined".	Is miner charged for powder, oil and snuffing.....	Average cost per man per day.....	Average output per man per day.....	Average Net daily wages of Miners....	
	Above Ground.		Below Ground.		Total											
	Men.	Boys.	Men.	Boys.												
1	No.	No.	No.	No.	No.	Hrs.	No.	Days	Cash.	\$	cts.	Screened	cts.	Tons.	\$	cts.
2	120		648	42	810	9½	6	None	"	1 00	All mined	Yes.	20	3½		3 50
3	44		92	6	142	10		"	"	90	Screened	"	06	3		2 70
4	36	4	202		242	10	6	20	"	80	All mined	"	25	4 2-5		3 50
5	6		75		81	10	6	25	"	85	"	"	07	3½		3 00
6	165		436	10	611	9½	7	15	"	1 00	Screened	"	36	4		3 64
7	1		2		3				"	1 50	"			2		2 00
8	1		2		3	10	6	None	"	70	"	No.				
9			5		5	9	6		"	1 00	"	Yes.	20	3½		3 00
10					3	10	6	None	Cash.	1 00	"		25	3		2 75
11	2		1		1	9		"	"		Screened	"				
12			4	1	7	10	6	"	"	95	"	Oil.	06	2¾		2 50
13			2		2					2 00	"	Yes.				
14	1		3		4					2 25	All mined	Oil.		1¼		2 50
15			3		3					1 00	"	No.		2		2 00
14	30	2	105		137					90	"	Yes.		4		3 60
16	100		150		250	10		None	Cash.	75	"	O & S'g	05			3 00
	507	6	1,732	59	2,304					1 11				3 1-12		2 90

TABLE NO. 28.—CONTINUED.

Tracing Number	Days mine worked during year	Why Operations Suspended.	No. Tons of Coal Mined 12 Mo's ended June 30, 1895.	Value of same at Mine.	No. Tons Coke Manufactured.	Value of same at Mine.	Amount paid for Labor year ended June 30, 1895.	Is business prosperous as compared with previous year?
	Days.		Tons	Dols	Tons	Dols	Dols	
1	264		512,612	1,025,224			est 636,260	
2	303		54,268	130,559			est 75,000	
3	170	Want of cars	135,218	317,089			est 176,963	No
4		Lack of orders	14,648	29,396			est 15,000	Yes
5	336		198,492	343,054	3,990	29,925	est 307,297	
6	240	Want of cars and accident.	960	3,000			est 1,200	Yes
7	90	No demand.	400	800			est 300	
8	200		600	1,200			est 600	
9	160	No demand.	600	2,000			est 650	No
10	250	"	300	900			est 300	
11	255	"	2,500	4,370			est 2,375	
12	30	No market.	100	300			est 300	
13	100	No demand.	500	1,500			est 1,125	
14		No market.	300	900			est 300	
15	335		63,356	200,068	17,388	156,492	est 135,000	
16	300		120,000	240,000	40,000	320,000	est 200,000	
		Totals	1,104,854	\$2,300,360	61,378	\$506,417	\$1,552,570	

Three miners who returned to a live fuse were killed by the explosion at Belt mine. No other accidents reported.

Reports were received from 16 companies and individuals engaged in the Coal Mining industry with an invested capital in lands, buildings, machinery and other improvements of \$3,573,514. The output of coal during year was 1,104,854 tons; the value of same at mine being \$2,300,360; 61,378 tons of coke were manufactured, the value of same at ovens stated at \$506,417.

The total average number of employes employed during year was 2,304—of whom 2,239 were adult males and 65 boys; 59 of the latter employed below ground and 6 above ground.

The total amount paid for labor in year by operators of coal mines and manufacturers of coke was \$1,552,570. All pay in cash.

(Reports Nos. 6 to 14 incl. are from mines operated only to supply local markets, being away from railroads).

#### AVERAGE WAGES OF CERTAIN EMPLOYES IN AND AROUND COAL MINES IN PRINCIPAL COAL PRODUCING COUNTIES, YEAR ENDED JUNE 30, 1895, AS REPORTED BY EMPLOYERS.

Class of Occupation.	Per	Carbon County.	Cascade County.	Gallatin County.	Park County.	Class of Occupation.	Per	Carbon County.	Cascade County.	Gallatin County.	Park County.
Blacksmiths	day	\$3 50	\$3 50	\$3 15	\$3 50	Foremen	No	125 00	100 00	130 00	130 00
Blacksmiths' helpers	"	25	25	25	25	Laborers	day	2 40	2 50	2 37	2 30
Carpenters	"	15	4 00	3 25	3 25	Miners	"	80	1 00	85	90
Drivers	"	75	3 13	2 50	2 60	Timber Men	day	2 60	3 50	3 50	3 00
Engineers	"	10	3 50	3 50	4 00	Track Layers	"	2 75	3 50	3 50	3 50
Fire Boss	"	25	3 00	3 25	2 75	Trappers	"	1 20	1 10	1 10	1 10
Firemen	"	25	3 00	3 25	2 75						

**TABLE NO. 29.—BRICK AND SEWER PIPE MANUFACTURERS—REPORTS FOR YEAR ENDED JUNE 30, 1895.**

Tracing Number	Kind of Power Used.	Number of Horse Power .....	Average No. of Employees .....	No. of Hours in Day's work.....	Do Employes work Sunday?	How often wages paid .....	How many days' pay withheld.....	Pay in Cash or Merchandise ..	No. weeks works operated in past year .....	Capital invested in Business.
1	Horse .....	2	9	10	No .....	O. D.	None	Cash.	20	\$ 2,000
2	Steam .....	185	140	10	" .....	m'thly.	10	"	40	100,000
3	Horse .....		14	10	" .....	"	"	"	12	5,000
4	Steam .....	50	30	8	Yes .....	"	15	"	10	50,000
5	" .....	125	11	10	occ'sly.	"	10	"	10	100,000
6	" .....	est 50	19	8	No .....	"	5	"	13	10,000
7	Hand and Horse .....		8	10	" .....	O. D.	None.	"	8	500
8	Steam .....	75	15	10	" .....	O. D.	30	Both.	10	25,000
9	Hand and Horse .....		8	10	" .....	O. D.	None.	Cash.	8	1,200
10	Horse .....	3	16		" .....	"	"	"	est	2,500
11	" .....		15	10	" .....	m'thly.	"	Cash.	16	3,000
12	" .....	1	6	10	No .....	m'thly.	None.	"	8	700
13	Horse and Steam .....		12	9	" .....	S. m.	"	Both.		15,000
14	Steam .....	est 20	20		" .....	m'thly.	"	"	est	15,000
15	Horse .....	2	18	P. work	Yes .....	"	None.	Cash.	10	17,000
16	" .....		16	" .....	" .....	"	"	"	est	10,000
17	" .....	60	14	10	No .....	m'thly.	2	Cash.		38,000
18	Horse .....	10	20	10	" .....	"	None.	"	20	5,000
19	" .....	1	4	10	" .....	m'thly.	"	"	12	500
20	Steam .....	40	18	10	" .....	w'kly.	None.	"	24	25,000
	Totals and Averages .....	604	413	9½						\$425,400

**TABLE NO. 29.—BRICK, ETC., CONTINUED.**

Tracing Number.	PRODUCT YEAR ENDED JUNE 30 1895.					Is Industry prosperous as compared with preceding year.....	Percent of increase in Business.....	If not, Why?
	Common Brick.	Pressed Brick.	Fire Brick.	Feet Sewer Pipe.	Value of Product at Yards.			
1	1,075,000				\$ 5,375	Yes.	25	
2	12,000,000	500,000	5,000,000		202,000	"		
3	700,000				4,000	Yes.	14	
4	2,000,000	12,000		15,000	14,240	"	10	
5		1,441,000			10,087	No.		No demand for product
6	1,650,000				9,075	"		"
7	415,000				2,905	Yes.	30	
8	300,000	600,000			10,500	No.		No demand.
9	175,000				1,200	"		"
10	500,000				3,500	"		
11	1,000,000				6,000	Yes.		
12	120,000				1,200	"		
13	230,000				1,840	Yes.		
14	600,000				3,900	No.		Hard times.
15	700,000				4,000	Yes.		
16	700,000				3,500	"		
17	1,450,000		38,000	8,000	9,350	Yes.	40	
18	1,000,000				8,000	"	15	
19	150,000				1,200	"		
20	1,200,000	100,000	50,000	4,000	14,200	No.		
	25,965,000	2,653,000	5,088,000	27,000	\$316,072			

\* 8,000 feet Flue Lining.

Reports were received from 20 manufacturers of brick, etc.; capital invested by them is \$425,400; No. of common brick manufactured 25,965,000; No. pressed brick 2,653,000; No fire brick 5,088,000; No. feet sewer pipe 27,000; No. feet flue lining 8,000. The total value of product at yard reported at \$316,072.

The total number of employes is given at 413; the average number of working hours per day 9½; 15 manufacturers pay in cash, two in Cash and Merchandise and three do not report on this point.



AVERAGE WAGES OF EMPLOYEES IN AND ABOUT BRICK YARDS, BY COUNTIES IN  
 WHICH EMPLOYERS GIVE CLASSIFICATION OF DIFFERENT CLASSES OF EMPLOYEES,  
 YEAR ENDED JUNE 30, 1895.

Classification of Employees.	Cascade County.	Choteau County.	Deer Lodge County.	Flathead County.	Lewis and Clarke County.	Silver Bow County.
	\$ per month. 100 00	\$ per day.	\$ per day. 4 00	\$ p-r day. 3 00	\$ per month.	\$ per day.
Burners .....	.....	.....	.....	.....	.....	3 50
Dumpers .....	.....	.....	.....	.....	.....	4 00
Engineers .....	.....	.....	3 83	.....	* 60 00	4 00
Firemen .....	.....	.....	3 17	.....	.....	.....
Foremen .....	.....	.....	Mo 140 00	4 00	* 175 00	4 66
Laborers .....	* 40 00	2 00	2 35	2 12	.....	3 00
Off Bearers .....	.....	.....	3 00	.....	.....	3 25
Pitmen .....	* 40 00	2 50	.....	.....	* 40 00	.....
Pressmen .....	.....	.....	3 25	.....	.....	3 25
Sanders .....	.....	.....	.....	.....	* 40 00	3 25
Setters .....	* 65 00	4 00	3 50	3 00	* 78 00	.....
Strikers .....	* 70 00	.....	.....	.....	* 52 00	.....
Temperers .....	* 40 00	.....	.....	.....	.....	3 75
Truckers .....	* 40 00	.....	2 66	.....	* 40 00	3 00
Teamsters .....	* 40 00	.....	3 00	Mo *35 00	* 40 00	3 00
Wheelers .....	* 40 00	.....	.....	.....	* 40 00	3 00
Yardmen .....	.....	.....	.....	.....	* 40 00	3 50

\* With Board and Lodging.

# REPORTS OF CLAYS AND GYPSUM ACCOMPANYING BRICK AND COAL REPORTS.

J. A. Riddell, Missoula, Mont., writes: "There are large bodies of common brick clay, and press brick clay, also sewer pipe and pottery clay; I do not know to what extent the fire clay exists."

J. N. Brown, Bozeman, Mont., writes: "Plenty of potter's clay within one mile of the city of Bozeman; also acres of clay suitable for making drain tiling. I know this from experience through actual manufacturing of same."

J. L. Rice, Great Falls, Mont., writes: "There is a body of fire clay underneath the main vein of coal, but of what extent I do not know."

Lewistown Coal Co., Lewistown, Mont., writes: "Immediately under the coal vein there is a clay that all men say is a good quality of fire clay; but as to its quality I know nothing, except that it has been used in backs of stoves."

John Matheson, Chinook, Mont., writes: "About twenty-five feet above the coal there is considerable quantity of gypsum."

Rocky Fork Coal Co., Red Lodge, Mont., writes: "We have large deposits of fire clay, but believe it contains too much iron to be valuable for manufacturing purposes."

Richards & Boston, Kalispell, Mont., write: "There is a good clay here; think it would be very good for tile or crockery."

Nick. Kessler, Helena, Mont., writes: "There is a very fine body of fire clay two miles from the city of Helena, known as the John Quirk mine. This is not developed and may be of limited amount. Above Rimini there is a very large body of fire clay; I do not know how extensive, but Prof. Swallow says it is very large. We have a very fine shale within our city limits of which terra cotta can be made. I have some very fine urns in my garden which we made three years ago, and stand the most severe weather."

Busbee & Oechsli, Philipsburg, Mont., write: "We have a 12 foot bank of common clay at our yard."

McKay Bros., Great Falls, Mont., write: "There are large deposits of fire clay in this vicinity, also potter's clay, gypsum beds, etc."

Mullan Fire Brick Co., Blossburg, Mont., writes: "Fire clay exists all around Blossburg in large bodies, and the average analysis is: Silica, 70 per cent; Aluminum, 20 per cent; Iron, 1 per cent; Magnesia, —; Lime, —; Potash and water 9 per cent."

Jacob Switzer, Blossburg, Mont., writes: "We have potter's clay, also clay suitable for sewer pipe."

T. C. King, Sand Coulee, Mont., writes: "There are large bodies of good fire clay about four miles south of Great Falls, near R. R. siding, suitable for fire brick."

**TABLE NO. 30—BREWERS, REPORTED FOR YEAR ENDED JUNE 30, 1895.**

Abbreviations: St., stone; B., brick; Fr., frame; W., wood.

Tracting No.	Power used.	No. of Horse Power.	Material of Building.	Height in stories.	Av. No. of employes.	Hours in day's work.	Days in weeks work.	Are employes required to work Sunday.	How often are Wages paid.	Pay in Cash or Merchant-discount.	No. Days pay withheld.	Was husht process patented with 94.	Per cent Increase.	Per cent Decrease.	Av. cost of Barley per bu.	Av. weight of Barley per bu.
1	Steam	40	B. & St.	3	12	10	6	no	S-mly	Cash.	none.	same.			48	50
2	"	12	B. & Fr.	3	4	10	6	yes	Mly	"	"	yes	30			
3	"	6	St. & Fr.	2	1	10	6	occ.	O. D.	"	"	"	40		50	50
4	Hand		St. & Fr.		2	10	6	no	Mly	"	"	"				
5	Steam	25	B.	6	16	10	6		"	"	10 da	"				
6	Hand		St. & Fr.		2	12	7	yes	O. D.	"	none.	"	10		55	70
7	Steam and Electric.	25	St. & B.	3	25	10	6	no	Mly	"	10 da	"	32		50	50
8	Steam	18	St. & Fr.	2	14				"	"	none.	"			48	52
9	Hand		St. & Fr.	2	2	10	6	no	"	"	yes	"			50	50
10	Steam	12	B. & St.	3	6	10	6		Wkly	"	none.	"			47	
11	"		B.	3	8	10	6		Mly	"	"	"				
12	"	10	B. & Fr.	2	3	10	6		"	"	"	yes			48	38
13	Hand		B.	2	1	10	6		"	"	"	"			50	40
14	Steam	120	B.	4	24	10	6		Wkly	"	"	"			50	50

The aggregate capital invested by Brewers in Montana is reported at \$747,000: the number of employes in their employ is 120; the average number of working hours per day is 10: Number Barrels of Beer manufactured for year ended June 30th, 1895, in Montana, is 53,645—number manufactured in year ended June 30th, 1894, was 40,758—an increase of 31.61 per cent over production of previous year: value of same \$509,627: the amount of barley purchased in year 103,176 bushels: amount of malt bought outside of State 33,326 bushels.

**WAGES (WITHOUT BOARD) OF BREWERY EMPLOYES, AS REPORTED BY EMPLOYERS,  
FOR YEAR ENDED JUNE 30.**

Class of Occupation	AVERAGE WAGES PER MONTH.			Class of Occupation.	AVERAGE WAGES PER MONTH.		
	1895	1894	1893		1895	1894	1893
Bartenders	\$92 00	\$92 10	\$98 50	Firemen	\$84 00		
Bottlers		66 50	65 75	Superintendents		\$188 57	\$210 30
Bottlers (Head)	81 50			Foremen and Supt's	\$95 \$225		
Bottlers (Ass'ts)	48 00			Kettlemen	50 00		
Brewers	80 96	79 11	81 58	Laborers	50 00	59 50	
Coopers	89 85	90 50	83 50	Maltsters	89 75	86 66	
Engineers	100 00	91 00	92 75	Teamsters	79 35	77 70	81 39
				Watchmen		75 00	79 00

**TABLE NO. 31—STREET TRANSIT LINES—ELECTRIC, CABLE AND HORSE, YEAR ENDED JUNE 30, 1895.**

Location.	System.	Length of Line.	*No. EMPLOYES June 30.		Hours Work per Day.
			1895	1894	
1 Butte	Cable and Electric	15 ½ miles.	39	32	10
2 Helena	Electric	24 "	16	16	10—11
3 Bozeman	"	4 "	5	5	10—12
4 Great Falls	"	8 ¼ "	14	14	10—10½
5 Anaconda	"	3 ¾ "	2	2	12
6 Missoula	Horse	2 "	2	2	10
Totals		57¾ miles	78	71	

\* This only includes employes actually employed on Street Railways and not those engaged in Electric Power and Light Departments.

Total Cost of Plants is \$1,261,000.

**WAGES OF EMPLOYES.**

Motormen	\$2.15—\$3.00 per day
Conductors	2.50— 3.00 "
Engineers	2.25— 4.50 "
Electricians	4.00 "
Machinists	2.50— 4.00 "
Car Repairers	2.50— 3.50 "
Trackmen	2.25— 3.50 "

**TABLE NO. 32—MANUFACTURERS OF CIGARS AND TOBACCO, YEAR ENDED  
JUNE 30, 1895.**

C., self; D., self and wife.

Tracing number..	Material of building.....	Height in stories.....	Floors occupied by factory.....	Square feet floor occupied.....	Are sanitary conditions good.....	AVERAGE No. of EMPLOYEES.				Number of apprentices.....	No. of hours constituting days work.....	Do employees work Sundays.....	How often are wages paid.....	Paid in Cash or Merchandise.....	No. weeks factory run in past year.	Prosperity of Industry as compared with 1884
						Male.....	Female.....	Boys.....	Total.....							
1	Stone....	1	1st	1,170	yes	2			2				Wkly	Cash.	52	Same.....
2	Brick....	1	1st	420	"	1			1						44	Decrease.....
3	Frame....	1	1st	200	"	c	1		1						52	Same.....
4	"	1	1st	195	"		1		1				Wkly	Cash.		
5	Brick....	1	1st	680	yes	c	1		1							Not prosperous.
6	"	1	1st	480	"		1	1	2				Wkly	Cash.	52	Same.....
7	Frame....	1	1st	480	"		1	2	3							
8	"	1	1st	200	"	c	1		1						52	50% decrease.....
9	"	1	1st	720	"		1	1	2				Wkly	Cash.	7	
10	"	1	1st	140	"	d	1		1							Not prosperous.
11	"	1	1st	192	"		1		2				Wkly	Cash.	34	Same.....
12	"	1	1st	150	"	d	1		2							
13	"	1	1st	384	yes		1		3	1			Wkly	Cash.	52	Not prosperous.
14	"	1	1st	120	"		1		1						52	Same.....
15	"	2	1st		"		4		5	1					52	Not prosperous.
16							1		2						52	
17							1		1						21	
18	Frame....	2	2d	270	yes		1		1		10	no			52	
19							2		3	1					52	25% Increase.....
20			1st	156	"		2		2						52	10%.....
21	Frame....		1st				1		1						30	10% Decrease.....
22	"	1	1st	600	yes	c	1		1					Cash.	52	100% Increase.....
23	Brick....	1	1st	420	"		1		1				Wkly		9	Not prosperous.
24	Frame....	1		140	"		4		4						52	Prosperous.....
25	"	1	1st	450	"		2	1	3						52	

Reports were received from 25 Manufacturers of Cigars and Tobacco employing 50 Cigar Makers and 6 Apprentices. Capital invested by them \$39,900; amount paid out for labor during year (proprietors of Factories doing their own work computing their labor at regular rates) \$27,566; Number of Cigars manufactured during the year in the State 1,594,415 as against 1,325,450 in year ended June 30th, 1894—an increase of 20.29 per cent. Value of product 1895, estimated at \$80,000. All employees are paid in cash and weekly. Average number of working hours per day 8 1-7.

**TABLE NO. 33—REPORTS OF FOUNDRIES AND MACHINE SHOPS FOR YEAR  
ENDED JUNE 30, 1895.**

Abbreviations: St., Steam; El., Electric.

Tracing No...	Kind of Power used.	No. Horse Power.....	No. EMPLOYEES.		How many hours in day's work.....	How many days in week's work.....	How often wages paid..	How many Days pay withheld....	Pay in Cash or Merchandise.....	Have any accidents occurred.....
			1895	1894						
1	Steam.....	40	24	19	10	6	M'ly.	15	Cash.	no
2	"	75	50	40	10	6	"	15	"	"
3	Electric.....	10	18	11	10	6	Wkly		"	"
4	Steam.....	150	313	260	10	6	M'ly.	8	"	"
5	El. and Steam....	20	27	27	10	6	"		"	"
6	Electric.....	15	10	8	10	6	"		"	"
7	Steam.....	12	1	1	10	6	"		"	"
8	"	10	1	1	10	6	"		"	"
Total.....		332	444	367	10	6				

Reports received from eight Foundries and Machine Shops; total capital invested by them \$757,825; total amount paid for labor in year \$417,868. Total number of employees for year ended June 30th, 1895 was 444, in previous year the number was 367; all are paid in cash and monthly with one exception, where wages are paid weekly. No accidents have occurred during the year.

#### AVERAGE DAILY WAGES OF FOUNDRY EMPLOYEES.

Foremen, \$5.00; Machinists, \$4.00; Moulders, \$4.00; Pattern-makers, \$3.97; Boiler-makers, \$4.00; Blacksmith, \$3.89; Engineers, \$3.30; Cupola Tenders, \$2.95; Helpers (Machinists, Moulders, Blacksmiths, Boilermakers and Patternmakers) \$2.61.

TABLE NO. 34.—SHOWING CERTAIN STATISTICS REPORTED BY SEVENTY BUTCHERS IN THE STATE, FOR THE YEAR ENDED JUNE 30, 1895.

Tracing Number.	Average No. of Employees.	Hours in day or week.	Are employees required to work Sunday.	How often are wages paid.	Pay in Cash or Merchandise.	No. days' pay withheld.	Capital invested in Business.	Amount paid for Labor.	NUMBER OF CATTLE, SHEEP, ETC., BUTCHERED.			
									No. of Cattle.	No. of Calves.	No. of Sheep.	No. of Hogs.
1	5	15	yes	M'ly.	Cash.	none.	25,000	3,500	300	350	300	250
2	1	10	yes	Wkly	Cash.	none.	2,500	150	100	60	50	75
3	1	10	no	M'ly.	"	none.	3,000	140	40	35	100	50
4	2	10	occ.	Wkly	"	"	4,200	960	24	10	16	50
5	3	13	yes	O. D.	Cash.	none.	2,000	900	240	204	162	126
6	14	10	no	M'ly.	"	"	75,000	12,060	212	57	436	113
7	2	10	occ.	O. D.	"	none.	5,000	400	300	50	350	200
8	1	10	no	M'ly.	"	none.	10,000	400	1,600	700	3,500	1,500
9	1	14	occ.	O. D.	"	"	10,000	400	150	30	50	20
10	1	14	occ.	O. D.	"	"	10,000	400	150	75	200	20
11	17	14	no	M'ly.	"	"	30,000	18,000	200	150	400	100
12	15	13	no	M'ly.	"	"	10,000	12,600	1,400	1,200	2,300	2,300
13	2	10	no	"	"	"	1,000	900	1,500	1,800	2,100	2,100
14	2	11	no	"	"	none.	1,320	177	100	85	325	45
15	2	12	yes	O. D.	"	"	500	480	177	93	243	34
16	1	10	no	Wkly	"	"	720	39	98	40	12	60
17	1	10	no	Wkly	"	"	800	18	39	21	13	27
18	2	10	occ.	M'ly.	Cash.	none.	2,000	1,200	16	150	2	10
19	3	10	occ.	M'ly.	Cash.	none.	2,000	350	225	104	365	365
20	3	10	yes	M'ly.	Cash.	none.	2,000	220	156	175	200	420
21	1	10	no	M'ly.	Cash.	none.	600	600	60	10	10	20
22	2	15	yes	O. D.	Cash.	none.	2,300	2,160	136	17	35	35
23	1	14	occ.	M'ly.	"	"	500	480	300	150	325	320
24	1	10	no	M'ly.	Cash.	none.	2,000	600	126	17	35	35
25	1	10	no	M'ly.	Cash.	none.	2,000	600	220	17	35	35
26	2	15	yes	O. D.	Cash.	none.	2,300	2,160	136	17	35	35
27	1	10	no	M'ly.	Cash.	none.	2,000	600	300	150	325	320
28	2	15	yes	O. D.	Cash.	none.	2,300	2,160	136	17	35	35
29	1	14	occ.	M'ly.	"	"	500	480	100	50	200	200
30	1	10	no	"	"	15	1,500	600	258	96	240	108
31	2	10	no	"	"	none.	5,000	1,320	150	9	50	40
32	1	10	no	"	"	15	1,500	600	150	9	50	40
33	2	10	no	"	"	none.	5,000	1,320	150	9	50	40
34	1	10	no	"	"	none.	10,000	6,000	180	100	175	75
35	8	12	no	"	"	none.	10,000	6,000	150	150	400	200
36	11	10	no	"	"	none.	25,000	8,000	492	250	900	600
37	2	10	occ.	"	"	"	4,000	1,200	700	250	2,000	600
38	14	10	no	"	"	"	13,000	11,000	600	400	2,000	500
39	1	10	yes	"	"	"	700	600	312	200	180	180
40	1	10	no	"	"	"	3,000	925	960	370	4,800	3,000
41	1	10	no	"	"	"	3,000	925	30	5	14	30
42	1	10	no	"	"	"	3,000	925	160	40	225	150
43	2	10	no	O. D.	Cash.	none.	6,000	1,200	175	50	50	90
44	2	12	occ.	M'ly.	"	"	7,000	1,300	100	25	75	75
45	2	12	occ.	M'ly.	"	"	7,000	1,300	275	125	250	225
46	1	10	no	O. D.	Cash.	none.	2,500	1,200	130	40	300	100
47	2	10	no	M'ly.	"	none.	2,500	1,200	208	22	73	73
48	3	10	no	"	"	"	6,000	1,960	41	200	525	400
49	5	12	yes	"	"	"	12,000	3,000	250	260	520	416
50	1	12 1/2	da	Wkly	"	"	3,000	800	180	12	70	70
51	1	10	occ.	M'ly.	"	"	9,000	800	365	240	400	350
52	1	10	no	O. D.	Cash.	none.	5,000	1,620	330	25	125	140
53	1	10	yes	M'ly.	"	none.	8,000	720	158	103	120	125
54	3	10	yes	M'ly.	"	none.	8,000	720	125	100	1,200	1,100
55	1	10	no	M'ly.	Cash.	none.	500	300	274	61	76	76
56	1	10	no	M'ly.	Cash.	none.	500	300	250	150	150	200
57	1	10	no	M'ly.	Cash.	none.	500	300	150	100	75	100
58	2	14	yes	M'ly.	Cash.	none.	6,000	1,560	235	125	175	225
59	4	14	yes	"	"	"	5,000	4,774	360	144	300	144
60	13	10	yes	"	"	"	45,000	9,660	624	364	1,300	624
61	6	10	yes	"	"	"	45,000	9,660	4,125	2,210	9,600	2,550
62	2	10	no	M'ly.	Cash.	none.	3,000	1,775	175	75	200	150
63	2	10	no	M'ly.	Cash.	none.	3,000	1,500	200	75	250	100
64	2	10	no	M'ly.	Cash.	none.	3,000	1,500	96	40	180	50
65	2	10	no	M'ly.	Cash.	none.	3,000	1,500	50	10	28	10
66	1	10	no	M'ly.	Cash.	none.	1,000	500	80	20	50	35
67	1	10	no	M'ly.	Cash.	none.	1,000	500	75	15	100	20
68	2	10	no	"	"	"	10,000	2,000	44	15	11	11
69	2	10	no	"	"	"	10,000	2,000	300	250	250	250
70	2	12	no	M'ly.	Cash.	none.	5,000	1,500	125	10	10	10
71	2	12	no	M'ly.	Cash.	none.	5,000	1,500	200	90	50	400
190								\$138,079	23,256	12,752	38,713	22,185

Assessors reported 88 Butchers in the State; reports were received from 70, 18 failing to respond. All items are for year ended June 30, 1895. The working hours of employees range from 10 to 15 hours per day. The capital invested by 41 reporting was \$380,800; amount paid for wages by 59 employing labor to the number of 190 men, was \$138,079. Total number of stock killed by those reporting; Cattle 23,256; Calves 12,752; Sheep 38,713; Hogs 22,185.

Average wages paid several classes of employees, per month, including Board and Lodging; Butchers, \$56.27; Meat Cutters, \$66.82; Sausage Makers, 60.70; Deliverymen, \$43.40; Foremen, \$88.33; Cattle Buyers, \$85.00.

Eleven report increased business; 7 decreased; 10 the same and 42 did not respond to this inquiry.

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## PART VI.

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PRECIOUS AND SEMI-PRECIOUS METALS.

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GOLD, SILVER, COPPER AND LEAD PRODUCT OF  
MONTANA IN 1894—OFFICIAL.

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PRODUCTION OF GOLD AND SILVER IN THE UNITED  
STATES 1894—INCREASE AND DECREASE AS  
COMPARED WITH 1893.

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IMPORTS AND EXPORTS OF GOLD AND SILVER. 1894

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PRODUCTION OF GOLD AND SILVER IN THE WORLD 1873 TO 1894.  
INCREASE AND DECREASE OF GOLD AND SILVER PRODUCTION  
OF DIFFERENT COUNTRIES IN 1894 AS COMPARED WITH 1893.

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ESTIMATED GOLD, SILVER, COPPER AND LEAD PRODUCT  
OF MONTANA, 1895.

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MISCELLANEOUS TABLES.

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## Metal Products of Montana, 1894.

The statistics of Gold, Silver, Copper and Lead in Montana for the calendar year 1894 appearing in the following pages are taken, as heretofore, from the reports of the Assayer in charge of the U. S. Assay Office who collects them under authority of and reports to the Director of the Mint, and so far as they relate to Gold and Silver, the revised estimates of the Director of the Mint are also given. This revising authority has continuously been reserved and exercised by the Director and was referred to in previous reports. As heretofore the revision diminishes the gold product of Montana as reported by the Assayer, and in 1894 also diminishes the silver product. In 1893 the revision increased the net product of these two metals in Montana \$2,443,246.35. In 1894 the revision decreased the net product of these two metals in Montana \$1,275,780.65. This statement is necessary to explain the apparent inconsistencies between the estimated products of gold and silver made by the Assayer, and those made by the Director of the Mint, the latter being carried into the national and international tables. The effect of this revision may be seen in the following. For the year 1892 and 1893 W. D. Wheeler, Esq., was in charge of the U. S. Assay Office; for the year 1894 E. B. Braden, Esq., was Assayer in charge.

### Estimate by U. S. Assayer.

#### Calendar Year 1892.

Gold.....b	\$ 2,966,571.94
Silver.....b	22,503,703.85
Copper.....b	19,105,464.36
Lead.....b	990,035.08

\$45,565,775.23

#### Calendar Year 1893.

Gold.....b	\$ 3,676,479.24
Silver.....b	19,315,054.41
Copper.....b	16,038,755.20
Lead.....b	964,088.84

\$39,994,377.69

#### Calendar Year 1894.

Gold.....b	\$ 3,868,428.87
Silver.....b	17,634,219.78
*Copper.....b	17,233,718.66
*Lead.....b	730,551.82

\$39,466,919.13

### Estimate by Director of Mint.

#### Calendar Year 1892.

Gold.....a	\$ 2,891,386
Silver.....a	24,615,822
Copper.....c	19,678,564
Lead.....b e	990,035

\$48,175,807

#### Calendar Year 1893.

Gold.....a	\$ 3,576,000
Silver.....a	21,858,780
Copper.....b e	16,038,755
Lead.....b e	964,089

\$42,437,624

#### Calendar Year 1894.

Gold.....a	\$ 3,651,410.00
Silver.....a	16,575,458.00
Copper.....b e	17,233,718.66
Lead.....b e	730,551.82

\$38,191,138.48

a Estimate of Director of the Mint.

b Estimate of Assayer in charge of U. S. Assay Office.

c Estimated Product by Director of Mint at same price as assayer.

e No revised estimates available.

\* The value of Copper for 1894 is averaged at .09¼ cents per pound, and of Lead .03 1-10 cents per pound.

NOTE—From report of Director of the Mint: The United States no longer holds the first place as a gold-producing country, its output of gold in 1894 having been exceeded by that of Australasia (2,030,180 ounces, fine, of the value of \$41,760,827) and by that of Africa (1,951,739 ounces, fine, of the value of \$40,346,025). The gold product of South Africa alone was 1,920,310 ounces of the value of \$39,696,330. The gold product of the United States in 1894 was 1,910,813 ounces, fine, of the value of \$39,500,000, or 171,490 ounces, fine, valued at \$3,545,000 more than in 1893. The yield of gold from the mines of the United States in 1894 was the largest since 1878, when it amounted to \$51,200,000.

### ESTIMATED METAL PRODUCT OF MONTANA DURING THE CALENDAR YEAR 1895— SUBJECT TO REVISION.

Metal.	Quantity.	Value of Product in 1895.	Value of Product in 1894.	Increase for 1895.
Gold.....	Fine ounces.....209,321	(a) \$ 4,327,040	\$ 3,651,410	\$ 675,630
Silver.....	Fine ounces.....17,701,658	(a) 22,886,992	16,575,458	6,311,534
Copper.....	Pounds.....301,008,992	(b) 21,114,869 *	17,233,719	3,881,150
Lead.....	Pounds.....24,139,504	(c) 754,360 *	730,552	23,808
	Total.....	\$49,083,261	\$38,191,139	\$10,892,122

(a) At Coining value; (b) At 10½ cents per pound; (c) At .03½ cents per pound.

\* Copper is computed for 1894 at .09¼ cents per pound, and Lead at .03 1-10 cents per pound.

TABLE NO. 35.—PRODUCTION OF GOLD, SILVER, COPPER AND LEAD IN MONTANA, BY COUNTIES, FOR CALENDAR YEAR 1894.

As estimated by E. B. Braden, Esq., Assayer in charge U. S. Assy Office, Helena, Montana.

Counties.	GOLD.		Silver.	
	*Ounces, fine.	Value.	†Ounces, fine.	Coining Value.
Beaverhead .....	2,572.082	\$53,169 65	836,545.17	\$1,081,593 75
Cascade .....	61.383	1,268 90	2 75	3 55
Choteau .....	206.323	4,295 07	18.62	24 07
Deer Lodge .....	28,167.950	582,283 20	36,394.36	47,054 86
Fergus .....	3,770.880	77,950 90	349.85	452 32
Granite .....	9,528.935	196,980 57	469,162.12	606,593 44
Jefferson .....	8,111.464	167,678 84	765,483.04	989,715 44
Lewis and Clarke .....	46,844.379	968,359 25	1,007,025.02	1,302,012 14
Madison .....	8,733.388	180,535 15	87,854.42	113,589 54
Meagher .....	3,985.542	82,595 18	1,212,890.53	1,568,181 60
Missoula .....	3,895.361	80,524 25	286,842.50	370,867 07
Park .....	1,747.440	36,122 79	196.98	254 68
Silver Bow .....	36,768.015	760,062 33	7,561,124.46	9,775,999 30
Custom Smelters, Mints and Assay Offices, not elsewhere enumerated .....	32,732.111	676,632 79	1,375,077.47	1,777,877 93
Total .....	187,135.253	3,868,428 87	13,638,967.29	17,634,219 78

\* The quantity is stated in ounces and thousandths of an ounce.

† The quantity is stated in ounces and hundredths of an ounce.

PRODUCTION OF COPPER AND LEAD IN MONTANA, BY COUNTIES, FOR THE CALENDAR YEAR 1894.

Summary by Counties.	Copper.	Lead.
	Pounds.	Pounds.
Beaverhead .....	362,897	3,110,070
Jefferson .....	30 000	448,311
Lewis and Clarke .....	.....	6,952,304
Meagher .....	.....	98,064
Missoula .....	.....	2,663,720
Silver Bow .....	185,194.385	50,227
Custom Smelters not included above .....	723,190	10,243,462
Total .....	186,310,472	23,566,188

TOTAL METAL PRODUCTION OF MONTANA DURING CALENDAR YEAR 1894.

Metals.	Quantity.	Value per Pound.	Total Value.
Gold, ounces (fine) and thousandths .....	187,135.253	.....	\$3,868,428 87
Silver, ounces (fine) and hundredths .....	13,638,967 29	.....	17,634,219 78
Copper .....	186,310,472. Pounds	\$0.091½	17,233,718 66
Lead .....	23,566,188. Pounds	0.03 1-10	730,551 82
Estimate of E. B. Braden, Esq. ....	.....	.....	\$39,466,919 13
Revised estimate by Director of Mint.	.....	.....	.....
..... Ounces. Value.	.....	.....	.....
Gold .....	176,637	\$3 651,410 00	.....
Silver .....	12,820,081	16,575,458 00	.....
Net decreased estimate by Director of Mint. ....	.....	.....	1,275,780 65
Revised estimated product of Montana, 1894 .....	.....	.....	\$38,191,138 48



**TABLE NO. 36.—AGGREGATE PRODUCT GOLD AND SILVER REPORTED BY MINT OFFICERS AND AGENTS FOR THE INDIVIDUAL STATES AND TERRITORIES, FOR THE CALENDAR YEAR 1894.**

From report of the Director of the Mint.

State or Territory.	GOLD.		SILVER.		Total Value.
	Ounces, Fine.	Value.	Ounces, Fine.	Coinage Value.	
Alabama.....	194	\$ 4,007	66	\$ 85	\$ 4,092
Alaska.....	62,047	1,382,623	4,422	5,717	1,388,340
Arizona.....	96,313	1,990,966	1,539,453	1,990,404	3,981,370
California.....	670,636	13,863,282	220,967	297,331	14,160,613
Colorado.....	513,571	10,616,463	23,747,915	30,704,375	41,320,838
Georgia.....	4,772	98,652	343	443	99,095
Idaho.....	111,687	2,308,775	3,774,349	4,879,966	7,188,741
Maryland.....	47	976	2	2	978
Michigan.....	2,150	44,444	35,122	45,410	89,854
<b>Montana.....</b>	<b>187,135</b>	<b>3,868,429</b>	<b>13,638,967</b>	<b>17,634,220</b>	<b>21,502,649</b>
Nevada.....	59,051	1,220,700	771,504	997,500	2,218,200
New Mexico.....	40,128	829,519	214,060	276,764	1,106,283
North Carolina.....	2,330	48,167	3,682	4,760	52,927
Oregon.....	102,234	2,113,356	8,006	10,351	2,123,707
South Carolina.....	4,758	98,366	307	397	98,763
South Dakota.....	187,122	3,868,155	82,256	106,351	3,974,506
Tennessee.....	16	329			329
Texas.....	209	4,320	429,314	555,073	559,393
Utah.....	54,570	1,128,062	6,534,182	8,448,235	9,576,297
Virginia.....	369	7,621	17	22	7,643
Washington.....	11,260	232,761	9,683	12,530	245,291
<b>Total.....</b>	<b>2,110,599</b>	<b>\$43,629,973</b>	<b>51,023,617</b>	<b>\$65,969,926</b>	<b>\$109,599,899</b>

**TABLE NO. 37.—APPROXIMATE DISTRIBUTION BY PRODUCING STATES AND TERRITORIES OF THE PRODUCT OF GOLD AND SILVER IN THE UNITED STATES FOR THE CALENDAR YEAR 1894, AS ESTIMATED BY THE DIRECTOR OF THE MINT.**

From report of Director of the Mint.

State or Territory.	GOLD.		SILVER.		Total Value.
	Ounces, Fine.	Value.	Ounces, Fine.	Coinage Value	
Alaska.....	53,868	\$ 1,113,550	22,261	\$ 28,782	\$ 1,142,332
Arizona.....	86,344	1,784,475	1,147,304	1,483,254	3,267,729
California.....	656,468	13,570,397	717,368	927,506	14,497,903
Colorado.....	459,152	9,491,514	23,281,399	30,101,203	39,592,717
Georgia.....	4,728	97,736	325	420	98,156
Idaho.....	100,682	2,081,281	3,288,548	4,251,860	6,333,141
Michigan.....	2,150	44,444	35,122	45,410	89,854
<b>Montana.....</b>	<b>176,637</b>	<b>3,651,410</b>	<b>12,820,081</b>	<b>16,575,458</b>	<b>20,226,868</b>
Nevada.....	55,042	1,137,819	1,035,151	1,338,377	2,476,196
New Mexico.....	27,465	567,751	632,183	817,368	1,385,119
North Carolina.....	2,254	46,594	352	455	47,049
Oregon.....	68,792	1,422,056	26,171	33,837	1,455,893
South Carolina.....	4,733	97,839	305	394	98,233
South Dakota.....	159,594	3,299,100	58,973	76,248	3,375,348
Texas.....			429,314	555,073	555,073
Utah.....	41,941	868,031	5,891,901	7,617,812	8,485,843
Washington.....	9,438	195,100	113,160	146,308	341,408
Alabama.....					
Maryland.....					
Tennessee.....					
Virginia.....					
Vermont.....					
Wyoming.....					
<b>Total.....</b>	<b>1,910,813</b>	<b>\$39,500,000</b>	<b>49,500,000</b>	<b>\$64,000,000</b>	<b>\$103,500,000</b>

**COINAGE EXECUTED IN THE UNITED STATES DURING THE CALENDAR YEAR 1894.**

Description.	Pieces.	Value.
Gold.....	6,055,395	\$79,546,160 00
Silver Dollars.....	3,093,972	3,093,972 00
Subsidiary Silver Coin.....	18,320,451	6,106,378 55
Minor Coin.....	22,165,264	438,177 92
<b>Total.....</b>	<b>49,635,082</b>	<b>\$89,184,688 77</b>

**TABLE NO. 38.**—SHOWING THE PRODUCT OF GOLD IN THE SEVERAL STATES AND TERRITORIES IN 1893 AND 1894, AND THE INCREASE OR DECREASE OF EACH IN THE LATTER YEAR.

From Report of Director of the Mint.

State or Territory.	1893	1894	Increase.	Decrease.
Alaska .....	\$1,010,100	\$1,113,550	\$103,450	
Arizona .....	1,184,200	1,784,475	600,275	
California .....	12,080,000	13,570,397	1,490,397	
Colorado .....	7,527,000	9,491,514	1,964,514	
Georgia .....	97,200	97,736	536	
Idaho .....	1,646,900	2,081,281	434,381	
Michigan .....	42,000	44,444	2,444	
Montana .....	<b>3,576,000</b>	<b>3,651,410</b>	<b>75,410</b>	
Nevada .....	958,500	1,137,819	179,319	
New Mexico .....	913,100	567,751		\$345,349
North Carolina .....	53,600	46,594		7,006
Oregon .....	1,645,300	1,422,056		223,244
South Carolina .....	124,000	97,839		26,161
South Dakota .....	4,006,400	3,299,100		707,300
Utah .....	853,600	868,031	14,431	
Washington .....	222,100	195,100		27,000
Alabama .....				
Maryland .....				
Tennessee .....				
Virginia .....	15,000	30,903	15,903	
Vermont .....				
Wyoming .....				
Total .....	\$35,955,000	\$39,500,600	\$4,881,060	\$1,336,060
Net Increase .....			3,545,000	

**TABLE NO. 39.**—SHOWING THE PRODUCT OF SILVER IN THE SEVERAL STATES AND TERRITORIES IN 1893 AND 1894 AND THE INCREASE OR DECREASE OF THE PRODUCTION OF EACH IN THE LATTER YEAR.

From Report of Director of the Mint.

State or Territory.	1893	1894	Increase.	Decrease.
	Ounces, fine.	Ounces, fine.	Ounces, fine	Ounces, fine.
Alaska .....	9,600	22,261	12,661	
Arizona .....	2,935,700	1,147,304		1,788,496
California .....	470,100	717,368	247,268	
Colorado .....	25,838,600	23,281,399		2,557,201
Georgia .....	500	325		175
Idaho .....	3,910,700	3,288,548		622,152
Michigan .....	43,500	35,122		8,378
Montana .....	<b>16,906,400</b>	<b>12,820,081</b>		<b>4,086,319</b>
Nevada .....	1,561,300	1,035,151		526,149
New Mexico .....	458,400	632,183	173,783	
North Carolina .....	13,400	352		13,048
Oregon .....	11,800	26,171	14,371	
South Carolina .....	500	305		195
South Dakota .....	140,400	58,973		81,427
Texas .....	349,400	429,314	79,914	
Utah .....	7,196,300	5,891,901		1,304,399
Washington .....	152,700	113,160		39,540
Alabama .....				
Maryland .....				
Tennessee .....				
Virginia .....	700	182		518
Vermont .....				
Wyoming .....				
Total .....	60,000,000	49,500,000	527,997	11,027,997
Net Decrease .....				10,500,000

STATEMENT SHOWING, BY CUSTOMS DISTRICTS, THE QUANTITIES AND VALUES OF GOLD, SILVER, COPPER AND LEAD CONTAINED IN ORE. AS FAR AS COULD BE ASCERTAINED, IMPORTED INTO THE UNITED STATES DURING THE YEAR ENDED DECEMBER 31, 1894.

Customs Districts.	GOLD.		SILVER.		COPPER.		LEAD	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity	Value.
	Ounces.		Ounces.		Pounds.		Pounds.	
Arizona.....	11,356	\$227,128	1,162,936	\$671,983	176,409	\$8,827	1,130,508	\$22,613
Bangor, Me.....	700							
Corpus Christi, Texas.....	2,843	58,200	954,307	597,248	1,711,078	131,808	1,810,066	22,327
Detroit, Mich.....	6							
Montana and Idaho.....			36,725	22,034				
New York, N. Y.....	84,711		4,418,187	2,650,912				
North and South Dakota.....	500		1,580	995				
Omaha, Neb.....			198,099	118,143				
Paso del Norte, Tex.....	13,212	264,200	4,705,002	2,658,316	79,164	6,622	32,101,412	350,409
Puget Sound, Wash.....		67,525	336,084	221,643				
Saluria, Tex.....	724	14,135	556,186	314,985			3,483,790	33,598
San Diego, Cal.....		970	530	334				
San Francisco, Cal.....	434	8,966	517,692	327,097	232,979	20,969	961,181	22,530
Total.....		727,050	12,887,226	7,578,690	2,199,630	168,226	39,495,957	451,477

a, Estimated at 60 cents per ounce.

#### U. S. GOLD IMPORTS AND EXPORTS DURING CALENDAR YEAR 1894.

Gold Imports—Items.	Amount.	Gold Exports—Items.	Amount.
Foreign bullion.....	\$ 2,314,101	United States bars.....	\$ 45,988
Foreign Coin.....	14,610,965	Other Domestic bullion.....	163,494
Foreign ores.....	743,046	Domestic Coin.....	87,624,515
		Domestic Ores.....	149,501
Total Foreign.....	17,668,112	Total Domestic.....	87,983,508
United States Coin.....	3,682,495		
Total Imports.....	\$21,350,607	Foreign Coin re-exported.....	\$13,985,917
		Foreign ores re-exported.....	19,328
		Total Foreign.....	14,005,245
		Total gold exports.....	\$101,988,753

#### U. S. SILVER IMPORTS AND EXPORTS DURING CALENDAR YEAR 1894.

Silver Imports—Items.	Amount.	Silver Exports—Items.	Amount.
Foreign bullion (Commercial value).....	\$ 3,553,178	United States bars.....	\$ 110,233
Silver in foreign ores ".....	7,809,186	Other Domestic bullion.....	39,241,272
Foreign Silver Coin.....	6,177,115	U. S. Subsidiary Silver Coin.....	58,829
		Silver in Pig, Copper, etc.....	312,381
Total Foreign.....	17,539,479	Total Domestic.....	39,722,715
United States Silver Coin.....	94,115		
Total Silver Imports.....	\$17,633,594	Foreign bullion re-exported... \$	61,490
		Foreign Silver Coin re-exported	7,572,381
		Silver in foreign ores ".....	62,584
		Total Foreign.....	7,696,455
		Total Silver export.....	\$47,419,170

#### AVERAGE MONTHLY NEW YORK PRICE OF FINE BAR SILVER, 1894.

Month.	Amount.	Month.	Amount.	Month.	Amount.
January.....	\$0.68980	May.....	\$0.63610	September.....	\$0.65026
February.....	.64664	June.....	.63780	October.....	.64222
March.....	.60513	July.....	.63290	November.....	.64065
April.....	.64065	August.....	.64810	December.....	.61490
				Average New York price for year	\$0.64043

The highest New York price of Silver during the year was \$0.6975, which it reached Jan. 6th.  
The lowest New York price of Silver during the year was \$0.60, to which it fell on March 3d.

## LOCATION OF MONEYS OF THE UNITED STATES, JANUARY 1. 1895.

From Report of Director of Mint.

Moneys.	In Treasury.	Outside of Treasury.	Total.
<b>METALLIC.</b>			
Gold bullion.....	\$ 47,106,966	.....	\$ 47,106,966
Silver bullion.....	126,044,414	\$ 111,821	126,156,235
Gold Coin.....	91,781,176	485,401,616	577,182,792
Silver Dollars.....	364,601,770	57,824,979	422,426,749
Subsidiary Silver Coin.....	14,466,043	62,143,667	76,609,710
Total.....	644,000,369	605,482,083	1,249,482,452
<b>PAPER.</b>			
Legal tender notes, old issue.....	\$ 83,373,119	\$263,307,897	\$346,681,016
Legal tender notes, Act July 14, 1890.....	28,488,267	122,335,464	150,823,731
Gold Certificates.....	60,980	53,359,889	53,420,869
Silver Certificates.....	5,810,476	331,114,028	336,924,504
National bank notes.....	4,770,479	201,835,231	206,605,710
Currency Certificates.....	2,160,000	47,175,000	49,335,000
Total.....	\$124,663,321	\$1,019,127,509	\$1,143,790,830

The total amount of money in circulation in the United States on Jan. 1, 1895, exclusive of the amount in the Treasury, was \$1,624,609,592, while on Jan. 1, 1894, the amount was \$1,728,038,375, showing a decrease in circulation on January 1, 1895, of \$103,428,783.

**TABLE NO. 40—PRODUCTION OF GOLD AND SILVER IN THE WORLD FOR THE CALENDAR YEARS 1873 TO 1894, INCLUSIVE.**

Report of Director of the Mint.

Year.	GOLD.		SILVER.		
	Ounces, fine.	Value.	Ounces, fine.	Commercial Value.	Coining Value.
1873.....	4 653,675	\$96,200,000	63,267,187	\$82,120,800	\$81,800,000
1874.....	4,390,031	90,750,000	55,300,781	70,674,400	71,500,000
1875.....	4,716,563	97,500,000	62,261,719	77,578,100	80,500,000
1876.....	5,016,488	103,700,000	67,753,125	78,322,600	87,600,000
1877.....	5,512,196	113,947,200	62,679,916	75,278,600	81,049,700
1878.....	5,761,114	119,092,800	73,385,415	84,540,000	94,882,200
1879.....	5,262,174	108,778,800	74,383,495	83,532,700	96,172,600
1880.....	5,148,880	106,436,800	74,795,273	85,640,600	96,705,000
1881.....	4,983,742	103,223,100	79,021,872	89,925,700	102,168,400
1882.....	4,931,086	101,996,600	86,472,091	98,232,300	111,802,300
1883.....	4,614,588	95,392,000	89,175,023	98,984,300	115,297,000
1884.....	4,921,169	101,729,600	81,567,801	90,785,000	105,461,400
1885.....	5,245,572	108,435,600	91,609,959	97,518,800	118,445,200
1886.....	5,135,679	106,163,900	93,297,290	92,793,500	120,626,800
1887.....	5,116,861	105,774,900	96,123,586	94,031,000	124,281,000
1888.....	5,330,775	110,196,900	108,827,606	102,185,900	140,706,400
1889.....	5,973,790	123,489,200	120,213,611	112,414,100	155,427,700
1890.....	5,749,306	118,848,700	126,095,062	131,937,000	163,032,000
1891.....	6,321,194	130,650,000	137,170,919	135,500,200	177,352,200
1892.....	7,102,180	146,815,100	153,151,762	133,404,400	198,014,400
1893.....	7,609,242	157,297,000	165,165,876	128,880,600	213,547,800
1894.....	8,705,836	179,965,600	166,501,995	105,757,300	215,404,600
Total.....	122,304,141	\$2,526,183,800	2,128,330,400	\$2,150,037,900	\$2,751,767,800

**TABLE NO. 41**—INCREASE OR DECREASE OF GOLD AND SILVER PRODUCTION  
IN DIFFERENT COUNTRIES IN 1894 AS COMPARED WITH 1893.**GOLD PRODUCT.**

Countries.	Increase in 1894 as compared with 1893.	Countries.	Decrease in 1894 as com- pared with 1893
United States .....	\$3,545,000	Russia .....	\$3,674,800
Australasia .....	6,072,200	Argentine Republic.....	45,200
Mexico .....	3,194,700	Guiana (British) .....	257,300
Sweden .....	500	Guiana (Dutch) .....	57,000
Greece .....	1,000	Korea .....	130,700
Great Britain .....	23,500		
Dominion of Canada .....	114,900		
Ecuador .....	16,400		
Venezuela .....	45,500		
Guiana (French).....	331,000		
Peru .....	1,400		
Central American States.....	307,000		
China.....	1,663,900		
Japan.....	5,800		
Africa.....	11,327,500		
India (British).....	173,300		
Total.....	\$26,823,600	Total.....	\$4,155,000

**SILVER PRODUCTS.**

Mexico.....	\$3,459,700	United States .....	\$13,575,700
Norway .....	8,700	Australasia .....	3,139,300
Spain .....	40,400	Russia .....	62,900
Greece .....	1,388,500	Sweden .....	66,600
Great Britain .....	2,000	Turkey.....	200,200
Dominion of Canada.....	774,600	Chile.....	359,700
Argentine Republic.....	636,200		
Bolivia .....	10,819,500		
Peru .....	2,012,100		
Japan .....	130,100		
Total.....	\$19,362,200	Total.....	\$17,405,400

**PRICES OF SILVER PER OUNCE AT NEW YORK IN 1895.**

Month.	Highest.	Lowest.	Average.	Month.	Highest.	Lowest.	Average.
January .....	60.0000	59.5000	59.6875	July .....	67.6250	66.0000	66.7452
February .....	60.3750	59.1250	59.8967	August .....	67.0000	66.2500	66.6065
March .....	65.7500	60.3750	61.9760	September ...	67.1250	66.7800	66.9000
April .....	67.5000	65.6250	66.6050	October .....	68.5000	67.0000	67.6435
May .....	67.1250	66.0000	66.7548	November....	67.7500	67.0000	67.3950
June .....	67.0000	66.1250	66.6400	December ....	67.1250	66.0000	66.4720
				Year .....	68.5000	59.1250	65.2824

**THE WORLD'S PRODUCTION OF GOLD AND SILVER (IN KILOGRAMS AND DOLLARS).**

(Following computations and estimates are from Engineering and Mining Journal, January, 1896.)

Countries.	1894. 1 Kg. SILVER = \$20.26. (63 cts. per oz.)				1895. 1 Kg. SILVER = \$20.98. (65.3 cts. per oz.)			
	Gold.		Silver.		Gold.		Silver.	
	Kilo-grams.	Value.	Kilo-grams.	Commercial Value.	Kilo-grams.	Value.	Kilo-grams.	Commercial Value.
United States .....	59,824	\$ 39,761,205	1,550,287	\$ 31,403,531	67,516	\$ 44,870,998	.....	\$26,928,712
Australasia .....	68,440	40,051,875	5 2,293	11,388,638	66,205	44,000,000	.....	.....
Mexico .....	6,771	4,500,000	1,463,261	29,640,378	8,426	5,600,000	.....	.....
Russia .....	41,598	27,646,000	10,117	204,920	51,144	33,990,000	272,647	172,398
Germany .....	3,215	2,203,100	193,151	3,912,273	3,310	2,300,000	.....	.....
Austria-Hungary..	2,535	1,684,800	61,319	1,242,016	2,542	1,680,000	.....	.....

## THE WORLD'S PRODUCTION OF GOLD AND SILVER—CONTINUED.

Countries.	1894. 1 Kg. SILVER = \$21.26. (63 cts. per oz.)				1895. 1 Kg. SILVER = \$20.98. (63.3 cts. per oz.)			
	Gold.		Silver.		Gold.		Silver.	
	Kilo-grams.	Value.	Kilo-grams.	Commercial Value.	Kilo-grams.	Value.	Kilo-grams.	Commercial Value.
Sweden.....	94	62,500	2,869	58,112	94	62,500	.....	.....
Norway.....	.....	.....	4,705	95,299	.....	.....	.....	.....
Italy.....	176	117,000	28,885	585,066	166	110,000	.....	.....
Spain.....	.....	.....	85,000	1,721,675	.....	.....	.....	.....
Greece.....	.....	.....	35,436	717,756	.....	.....	.....	.....
Turkey.....	12	8,000	1,516	30,707	12	8,000	.....	.....
France.....	279	185,300	98,077	1,986,549	271	180,000	.....	.....
Great Britain.....	99	65,800	7,932	160,662	99	66,000	.....	.....
Dom. of Canada.....	1,648	1,095,261	20,202	409,192	1,189	790,000	.....	.....
Argentine Republic.....	143	95,000	37,334	756,200	143	95,000	.....	.....
Colombia.....	4,353	2,892,800	52,511	1,063,610	4,364	2,900,000	.....	.....
Bolivia.....	101	67,000	684,418	13,862,888	101	67,000	.....	.....
Ecuador.....	103	68,400	240	4,861	102	68,000	.....	.....
Chili.....	698	464,400	88,680	1,796,213	707	470,000	.....	.....
Brazil.....	3,339	2,219,500	.....	.....	3,385	2,250,000	.....	.....
Venezuela.....	1,213	806,100	.....	.....	1,128	750,000	.....	.....
Guiana (British).....	4,308	2,464,176	.....	.....	3,089	2,052,500	.....	.....
Guiana (Dutch).....	872	579,500	.....	.....	873	580,000	.....	.....
Guiana (French).....	2,000	1,324,200	.....	.....	1,956	1,300,000	.....	.....
Peru.....	112	74,400	107,670	2,180,856	111	74,400	.....	.....
Uruguay.....	213	141,600	.....	.....	213	141,600	.....	.....
Central Am. States.....	758	470,500	48,122	974,731	1,768	475,000	.....	.....
Japan.....	737	489,800	60,869	1,232,901	737	490,000	.....	.....
China.....	9,049	6,014,000	.....	.....	9,027	6,000,000	.....	.....
Africa.....	73,585	39,555,836	.....	.....	67,333	4,750,000	.....	.....
India (British).....	6,507	3,766,251	.....	.....	9,129	5,990,000	.....	.....
Korea.....	703	467,200	.....	.....	601	400,000	.....	.....
Total.....	293,535	\$179,316,504	5,205,065	\$195,429,034	305,741	\$203,120,590	.....	.....
U. S. Coinage value.....	.....	.....	.....	216,358,937	.....	.....	.....	.....

The preceding table shows the gold production of the world and is of the greatest interest. The increase in output in all the principal countries is very marked. The total production is about 9,860,220 fine ounces, with a coin value of \$203,120,590. Naturally at this early date in the year 1896 some of the figures for the latter months from the more remote countries have been estimated, but they will be found substantially correct. This year the United States leads the world with a production of 2,170,827 ounces, value \$44,870,998. The whole of South Africa comes a very close second with \$44,750,000 in value, and Australasia close on the heels of the latter with \$44,000,000. Russia makes a good showing, producing in value \$33,990,000. The falling off in British Guiana amounts to more than \$400,000, leaving the total production for the past year \$2,052,500. This production shows an increase in this country of \$5,110,000, and in the world of \$23,775,000.

It should be noted that the weights of gold given in the column for 1895 are in fine ounces, while those in the column for 1894 are not in fine metal, which accounts for the apparent discrepancies in their values. The figures of production given in the preceding table are all from official reports, but they are nevertheless subject to correction.

## COPPER IN 1895.

The production of Copper in 1895 reflected very nearly the general course of business. During the first half of the year there was little change in the output, but with July the production began to increase and continued heavy until the close of the year.

The production of copper in the United States from domestic ore, amounted in 1894 to 353,504,314 lbs. and in 1895 to 386,000,000 lbs. or 172,300 long tons, an increase of about 32½ million pounds, according to the statistics collected by Mr. John Stanton for the associated producers. These statistics are very carefully compiled, but the output of a number of somewhat important producers are only estimated, and the final figures which will appear later in the "Mineral Industry," Vol. IV, will give the final authoritative figures for those now estimated. The production has been as follows as compared with 1894, taken from the "Mineral Industry," Vol. III.

## PRELIMINARY STATEMENTS OF COPPER PRODUCTION IN THE UNITED STATES.

States.	1894.		1895.	
	Pounds.	Long Tons.	Pounds.	Long Tons.
Arizona.....	44,531,108	19,880	48,000,000	21,429
Michigan.....	114,526,555	51,128	130,000,000	58,036
Montana.....	183,094,755	81,739	185,000,000	82,589
All other States.....	11,351,896	5,067	23,000,000	10,246
Total.....	353,504,314	157,814	386,000,000	172,300
Value.....	\$31,815,400		\$39,603,600	

## AVERAGE PRICE PER POUND OF LAKE COPPER AT NEW YORK.

Year.	January.	February.	March.	April.	May.	June.	July.
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
1890.....	14,800	14,333	14,500	14,400	15,125	16,000	16,800
1891.....	14,750	14,500	14,000	13,750	13,200	13,000	13,000
1892.....	11,000	10,625	10,375	11,500	11,625	11,875	11,500
1893.....	12,125	12,000	11,875	11,375	11,000	11,000	10,875
1894.....	10,125	9,625	9,813	9,500	9,800	8,938	9,000
1895.....	10,000	10,000	9,750	9,750	10,250	10,625	11,250

Year.	August.	September.	October.	November.	December.	Year.
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
1890.....	15,400	17,000	16,900	16,800	15,900	15,750
1891.....	12,200	12,500	12,250	11,000	10,625	12,625
1892.....	11,500	11,125	11,500	11,875	12,375	11,550
1893.....	10,000	9,875	9,750	10,000	10,250	10,750
1894.....	9,125	9,400	9,875	9,600	19,800	9,560
1895.....	12,000	12,250	12,000	11,000	10,500	10,760

## COINAGE OF THE MINTS OF THE UNITED STATES.

Year.	Gold.	Silver.	Year.	Gold.	Silver.	Year.	Gold.	Silver.
1890.....	\$20,467,183	\$39,202,908	1892.....	\$34,787,223	\$12,641,078	1894.....	\$99,474,913	\$6,024,898
1891.....	29,222,005	27,518,837	1893.....	30,038,140	12,560,935	1895.....	59,596,357	5,698,010

## IMPORTS AND EXPORTS OF GOLD AND SILVER, 1895.

Year.	Gold in Ores.		Silver in Ores.	
	Imports.	Exports.	Imports.	Exports.
1890.....	\$ 149,266	\$ 32,094	\$ 8,356,412	\$1,126,697
1891.....	323,269	100,918	9,717,443	1,090,514
1892.....	714,110	9,262	9,726,504	1,592,931
1893.....	518,186	276,933	9,490,892	
1894.....	743,046	231,413	7,809,186	
1895 (Dec. estimated).....	1,825,847	385,223	12,150,000	292,120

Year.	Gold Coin and Bullion.		Silver Coin and Bullion.	
	Exports.	Imports.	Exports.	Imports.
1890.....	\$ 24,063,074	\$20,230,000	\$26,539,789	\$22,426,119
1891.....	79,086,581	44,970,110	27,692,879	18,192,750
1892.....	76,532,056	17,450,946	35,975,834	21,726,252
1893.....	79,775,820	72,762,389	46,288,721	18,274,804
1894.....	101,819,924	20,607,561	47,044,205	9,824,408
1895 (Dec. estimated).....	95,939,639	32,829,563	52,877,148	10,509,548

COIN AND BULLION IN TREASURY OF THE UNITED STATES ON THE LAST DAY OF  
JANUARY IN EACH YEAR NAMED. U. S. TREASURY STATISTICS.

Year.	Gold Coin (excluding bullion) in Treasury.	Net Gold, not subject to draft, in Treasury.	Silver Bullion in Treasury.
	Amount.	Amount.	Amount.
1879.....	\$128,792,903	\$116,674,227	\$10,347,889
1880.....	96,463,601	142,340,027	4,888,036
1881.....	60,797,508	148,052,809	6,704,197
1882.....	81,266,312	159,972,569	3,258,926
1883.....	121,868,452	125,648,195	3,761,958
1884.....	154,882,129	144,350,736	4,674,433
1885.....	172,747,344	125,181,595	4,613,582
1886.....	173,402,694	136,086,610	3,658,783
1887.....	189,122,028	168,475,361	4,877,669
1888.....	185,906,571	202,355,184	10,219,546
1889.....	229,051,535	194,655,364	10,606,677
1890.....	249,963,167	177,386,285	11,537,760
1891.....	229,942,686	141,728,097	21,277,979
1892.....	198,454,175	119,574,905	57,940,646
1893.....	147,375,054	108,181,713	99,282,361
1894.....	65,490,919	65,650,175	127,215,171
1895.....	51,543,230	44,705,967	124,852,679
Fractional Coin in the Treasury.		Total Silver in the Treasury.	
January 31, 1893.....	\$11,346,523	1893.....	\$111,629,484
January 31, 1894.....	15,932,847	1894.....	143,148,018
January 31, 1895.....	15,481,586	1895.....	143,324,265



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## PART VII.

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### AGRICULTURE AND STOCK-GROWING.

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AVERAGE FARM PRODUCTIONS PER ACRE—  
WAGES AND WORKING HOURS OF FARM-  
ERS AND STOCK-GROWER'S EMPLOYES.

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MARKET PRICES OF PRINCIPAL FARM PRODUCTS.

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COMPARATIVE CONSUMPTION OF "IMPORTED" AND  
"MONTANA-GROWN" FARM PRODUCTS.

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COST OF LIVING, BY PRICES OF GROCERIES AND MEATS.

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CATTLE MARKETED--RANGE OF PRICES AND AGGREGATE.

---

LOSSES BY WILD ANIMALS AND WINTER-PERISHING--NUMBER OF  
BOUNTY CERTIFICATES ISSUED.

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STATISTICS RELATING TO THE WOOL AND SHEEP INDUSTRY, ETC.

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## Agricultural and Stock Growing Statistics.

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Under the law establishing this Bureau, the duty of collecting statistics relating to Agriculture, Stock Growing, etc., which for some eighteen years had devolved on the Auditor of Montana and Assessors, was transferred to the Commissioner of this Bureau and his assistants. But no provision was made to enable the Bureau to collect the same except by the wholly inefficient one of sending to Farmers and Stock Growers blanks by mail, a very large proportion of which are never returned. It is simply an impossibility, as has been demonstrated and admitted in all states where it has been tried, to obtain complete productive statistics by this method. As the best that could be done under the circumstances the Bureau undertook to collect from as many representative producers as possible in each county sufficient reports to enable an approximately correct presentation by averages, or per centages, of certain features, and thereby preserve the record as far as possible until such time as the Legislative Assembly would again make practicable provision for the maintenance of so valuable a record of its industrial development and productions.

Therefore in 1895, as in 1894, schedules requesting the necessary essential data were sent to large numbers of Farmers and Stock Growers in each County in the State. Very creditably to Montanians, about two-thirds of the number were returned, filled out more or less completely, being double the proportion usually obtained by this method where it has been so undertaken and reported in other States. These reports were then taken in hand by the Bureau and carefully tabulated, computed and prepared for the printer for presentation in detail in this report. Subsequent thereto it was ascertained by the Commissioner that the Fourth Legislative Assembly in adopting the Codes which took effect in July, 1895, had so enacted them that the duty of collecting certain statistics, as had been done since 1874, still devolved on the State Auditor and Assessors. The Attorney General of the State so held after examination of the laws. Thereupon forms were at once prepared and have been sent out in 1896 to the Assessors of the several counties, which contemplate the collection of complete statistics for the calendar year 1895, covering many lines of business and production which could not be reached by the system that had necessarily been adopted by this Bureau.

As this particular class of statistics as collected by this Bureau were also for the calendar year 1895, the Commissioner has deemed it best to eliminate from the tabulations in this report the detailed statistics which had not been put in type prior to ascertaining they would be taken up by assessors, and to present, pending the year that will intervene before the Assessors' statistics can be reported and subject to the revision the complete returns will render proper, the summaries, averages and percentages derived from the reports as above stated. It is a matter of gratification that the State will again have the benefit of the only system of obtaining these facts that seems practicable, except at enormous expense, in a state covering so large an area as Montana.

It may be proper to state in connection herewith that the year 1895 was, owing principally to the late cold spring, the worst year ever known for agricultural productions in Montana.

**TABLE NO. 42.—SHOWING BY COUNTIES THE AVERAGES PER ACRE OF CERTAIN AGRICULTURAL PRODUCTIONS, AS COMPUTED FROM THE STATEMENTS MADE BY FARMERS REPORTING.**

Counties.	AVERAGE PRODUCTION PER ACRE BY ALL REPORTING.									
	Wheat.		Oats.		Barley.		Potatoes.		Hay.	
	1895	1894	1895	1894	1895	1894	1895	1894	1895	1894
	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Tons.	Tons.
Beaverhead .....	24.04	30.56	30.00	37.83	35	40	70.78	130.56	0.92	1.12
Cascade .....	19.09	20.85	36.48	30.22	35.16	45.42	102.65	144.31	0.84	1.04
Carbon .....	21.26	30.77	46.08	45.33	.....	.....	112.50	178.13	1.37	1.53
Choteau .....	22.40	20.07	45.65	50.19	29.60	25.30	185.22	192.42	1.10	1.09
Custer .....	26.39	26.47	33.13	38.91	29	22	137.71	111.93	0.95	0.90
Dawson .....	.....	.....	21.24	25.25	.....	.....	156.50	179	1.10	1.00
Deer Lodge .....	30.94	34.05	28.60	36.42	20	31	114.90	158.33	0.88	1.25
Fergus .....	18.30	16.91	30.03	30.33	.....	.....	86.09	137	0.87	1.07
Flathead .....	21.62	24.26	40.57	45.59	40	38.75	140.85	182.97	1.19	1.35
Gallatin .....	30.46	33.77	43.41	44.62	33.70	43.13	68.89	161.13	1.25	1.41
Granite .....	21.04	20.64	26.96	34.24	.....	.....	110	128.59	1.54	1.68
Jefferson .....	31.42	37.82	40.65	34.27	22.50	30	108.14	206.70	0.98	1.14
Lewis & Clarke .....	22.26	25.26	27.95	29.20	20	33.64	111.16	152.66	0.65	1.19
Madison .....	18.34	27.85	36.59	40.67	.....	.....	71.11	162.85	1.07	1.31
Meagher .....	18.91	31.68	30.19	32.92	.....	.....	91.93	167	0.86	1.14
Missoula .....	22.75	22.06	27.74	31.93	.....	.....	108.79	217.50	1.36	1.77
Park .....	21.68	24.20	29.35	27.60	.....	.....	82.09	207.66	1.17	1.50
Ravalli .....	24	30.33	31.84	47.65	.....	.....	.....	188.88	1.71	2.28
Silver Bow .....	22.83	24	24.21	28.02	.....	.....	121.82	200	0.77	1.09
Sweet Grass .....	16.95	20	29.30	42.91	19.35	28.72	81.09	197	0.71	1.06
Teton .....	.....	18.87	16.79	30.27	.....	.....	70.26	169.47	0.74	1.26
Yellowstone .....	24.90	24.46	37.19	34.07	.....	.....	185.48	178.88	1.18	1.15

**TABLE NO. 43.—SHOWING BY COUNTIES, AVERAGE WAGES AND WORKING HOURS, WITH BOARD AND LODGING, OF FARMERS' AND STOCKGROWERS' EMPLOYEES FOR YEARS ENDED JUNE 30, 1894 AND 1895, AS SHOWN BY EMPLOYERS OF THE NUMBER REPORTED.**

Counties.	AVERAGE NUMBER OF EMPLOYEES.		Hours work per day (a),.....	AVERAGE WAGES, WITH BOARD, PER MONTH, FOR EMPLOYEES.									
				Foremen.		Herders.		Range rid'rs		Farm hands		Cooks. (b)	
	1895	1894		1895	1894	1895	1894	1895	1894	1895	1894	1895	1894
	No.	No.	Hrs.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.
Beaverhead.....	137	135	10½	46 66	46 66	32 57	32 92	34 17	34 17	30 60	31 40	m f 34 00	34 00
Carbon.....	26	26	12	.....	.....	37 50	35 00	40 00	40 00	29 28	29 28	m f 23 00	21 16
Cascade.....	146	140	10½	56 25	52 50	30 00	29 64	35 71	35 71	29 21	30 00	m f 35 00	35 00
Choteau.....	76	73	11¼	62 50	62 50	30 50	30 50	41 43	41 43	31 50	32 50	m f 19 25	20 25
Custer.....	117	115	10¾	62 77	62 77	31 43	32 86	39 36	39 36	30 95	31 43	m f 20 00	20 00
Dawson.....	149	137	12	75 00	75 00	27 50	27 50	37 50	37 50	29 17	30 00	m f 42 86	42 86
Deer Lodge.....	47	43	10¾	.....	.....	31 00	31 00	.....	.....	30 95	31 43	m f 16 66	16 66
Fergus.....	161	149	10¾	50 62	48 75	32 91	31 66	33 75	33 75	29 17	30 00	m f 40 00	40 00
Flathead.....	19	16	10¾	.....	.....	.....	.....	.....	.....	32 50	32 14	m f 26 00	26 00
Gallatin.....	64	63	10½	.....	.....	30 00	30 00	.....	.....	32 14	31 43	m f 21 25	21 25
Granite.....	45	45	10¼	43 33	43 33	32 50	35 00	40 00	40 00	30 40	30 64	m f 19 37	20 00
Jefferson.....	16	13	10½	.....	.....	25 00	.....	35 00	.....	27 22	27 22	m f 22 50	22 50
Lewis and Clarke.....	37	37	11	.....	.....	30 00	30 00	30 00	30 00	26 04	27 72	m f 20 00	20 00
Madison.....	73	73	11	55 00	55 00	32 50	32 50	35 00	35 00	32 60	32 20	m f 34 00	34 00
Meagher.....	248	244	10½	48 21	48 07	30 48	31 19	38 33	38 33	30 25	27 75	m f 20 00	20 00
Missoula.....	27	27	11	.....	.....	.....	.....	30 00	30 00	30 25	27 75	m f 26 05	27 50
Park.....	7	7	10½	.....	.....	.....	.....	.....	.....	30 00	30 00	m f 18 50	18 50
Ravalli.....	20	20	10	.....	.....	30 00	25 00	.....	.....	30 35	31 43	m f 31 66	30 00
Silver Bow.....	11	11	10	.....	.....	35 00	35 00	.....	.....	30 72	30 00	m f 16 14	16 14
Sweet Grass.....	49	43	11	.....	.....	30 92	30 38	.....	.....	30 25	30 00	m f 31 50	31 00
Teton.....	85	84	11	.....	.....	30 00	31 11	35 00	35 00	30 00	33 75	m f 18 75	19 37
Valley.....	60	49	11¼	62 50	75 00	31 43	31 43	40 00	40 00	28 62	30 25	m f 16 50	16 50
Yellowstone.....	112	113	11	53 00	54 00	31 06	31 25	36 11	38 33	28 50	29 50	m f 41 14	41 42
The State.....	1,732	1,663	10¾	55 99	56 69	31 11	31 26	36 34	38 97	29 52	30 21	m f 35 16	35 00

(a) Those reporting "sun to sun" are averaged at 12 hours per day.

(b) The average for female cooks in 1895 was \$19.73; in 1894 was \$19.78.

M—male. f—female

**TABLE NO. 44.—AVERAGE PRICES AT WHICH MONTANA FARMERS COULD MARKET PRINCIPAL PRODUCTS IN CERTAIN CITIES AND TOWNS IN THE STATE DURING THE 12 MONTHS ENDED JUNE 30, 1894, AND 1895, AS STATED BY OR AVERAGED FROM REPORTS OF PRINCIPAL DEALERS IN PLACES NAMED.**

(In these calculations, prior to adoption of Code weights, Wheat was computed at 60 lbs. per bushel; Rye 60 lbs., Barley 50 lbs., and oats 32 lbs.)

COUNTIES. Towns.	Wheat: Ave. price per bus.		Barley: Ave. price per bus.		Oats: Ave. price per bus.		Potatoes: Ave. price per 100 lbs.		Rutabagas: Ave. price per 100 lbs.		Onions: Ave. price per 100 lbs.	
	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895
<b>BEAVERHEAD Co.</b>												
Dillon	.60	.48 $\frac{3}{4}$		.37 $\frac{1}{2}$	.40	.28 $\frac{1}{2}$	.65	.48 $\frac{1}{2}$	.65	.45	2.50	.....
Lima	.60	.60				.32		.75		.50		3.00
Bannack		.51				.40		1.00		1.00		2.25
Dewey						.32		1.00		.90		.....
<b>CASCADE Co.</b>												
Great Falls	.60	.62 $\frac{1}{4}$		.51 $\frac{1}{4}$	.41	.32 $\frac{1}{2}$	1.08	.70	.87 $\frac{1}{2}$	.87 $\frac{1}{2}$	1.79	2.00
Sand Coulee		.54				.29		.70				1.50
Belt		.60		.50		.29		.70				2.00
Cascade	.60	.61 $\frac{1}{4}$		.50	.32	.35	1.00	.67 $\frac{1}{2}$	.75		1.25	2.00
Monarch		.60		.50	.37	.32		.75		1.00		.....
<b>CHOTEAU Co.</b>												
Fort Benton	.60	.60		.50	.40	.23	1.00	.75	1.00	.75	2.00	2.00
Hayre	.50	.75			.50	.32	1.50	1.00		1.00	2.50	1.50
Chinook		.75				.32		1.00		1.00		1.50
<b>CARBON Co.</b>												
Red Lodge	.75	.66			.46	.39 1-5	.87 $\frac{1}{2}$	.72 $\frac{1}{2}$	.67 $\frac{1}{2}$	.50	1.75	2.00
<b>CUSTER Co.</b>												
Miles City	.75	.67 $\frac{1}{2}$		.62 $\frac{1}{2}$	.41 $\frac{2}{3}$	.37 $\frac{1}{2}$	1.25	1.00		.75	2.00	2.50
Forsyth	.75	.72			.40	.40	1.25	1.00	1.00	1.00	2.00	2.50
<b>DAWSON Co.</b>												
Glendive						.32	1.37	.90	1.00		1.75	2.00
<b>DEER LODGE Co.</b>												
Anaconda		.55		.55		.30		.68		.83		1.40
Deer Lodge	.75	.53		.62 $\frac{1}{2}$	.36 $\frac{1}{2}$	.27	1.00	.73		.75	2.75	1.83
Elliston		.70				.40		.70		.50		1.00
Ovando		.75				.30		1.00		.37		2.50
Helmville						.32		1.00				.....
<b>FERGUS Co.</b>												
Lewistown	.60	.48		.37 $\frac{1}{2}$	.60	.24	1.00	.50				2.00
Utica		.60		.50		.28		1.00				3.00
Judith						.32		1.00				.....
Ubet		.60				.24		1.00				.....
Stanford		.51				.24		.50				3.00
<b>FLATHEAD Co.</b>												
Kalispell	.45	.40		.37 $\frac{1}{2}$	.20	.35	.75	.71		.40	2.50	1.62
Columbia Falls		.35				.25						.....
<b>GALLATIN Co.</b>												
Bozeman	.60	.42 $\frac{1}{2}$	.45 $\frac{1}{2}$	.37 $\frac{1}{2}$	.20	.22 $\frac{1}{2}$	.67	.62 $\frac{1}{2}$		.50		2.00
Manhattan	.60	.35	.41	.39	.26	.22 $\frac{1}{2}$	.75	.42	1.00		2.00	1.50
<b>GRANITE Co.</b>												
Philipsburg	.63	.64		.50	.35	.30 $\frac{1}{2}$	.65	.95	.50		1.50	1.75
New Chicago		.60		.48		.28		.50		.35		2.00
Drummond		.60		.50		.32		.75				1.50
<b>JEFFERSON Co.</b>												
Boulder	.60	.60				.35		1.00		.50		1.70
Basin												1.50
Whitehall		.60				.32	.75	.50	.75	.50	3.00	2.00

TABLE NO. 44.—CONTINUED.

COUNTIES. TOWNS.	Wheat: Ave. price per bus.		Barley: Ave. price per bus.		Oats: Ave. price per bus.		Potatoes: Ave. price per 100 lbs.		Rutabagas: Ave. price per 100 lbs.		Onions: Ave. price per 100 lbs.	
	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895
<b>LEWIS &amp; CLARKE Co.</b>												
Helena.....	.60	.53	.51½	.50	.38	.30	1.00	.75	.60	.70	1.50	1.25
<b>MADISON Co.</b>												
Virginia City.....	.60	.60	.69	.....	.35	.27	.75	1.00	.75	.75	3.00	2.25
Pony.....	.....	.50	.....	.....	.....	.26	.....	.50	.....	.50	.....	2.00
Sheridan.....	.....	.47½	.....	.....	.....	.30	.....	.70	.....	.75	.....	.....
<b>MEAGHER Co.</b>												
White Sulphur Springs.....	.82½	.90	.....	.....	.37½	.32	1.25	1.00	.50	.50	3.00	3.00
Townsend.....	.45	.48	.60	.50	.25	.24	.85	.75	.....	.50	2.00	1.50
Neihart.....	.....	.60	.....	.62½	.....	.32	.....	.75	.....	.87½	.....	2.75
Castle.....	.....	.90	.....	.....	.....	.40	.....	.....	.....	.....	.....	.....
<b>MISSOULA Co.</b>												
Missoula.....	.67½	.42½	.43	.....	.37½	.24	.87	.75	.75	1.00	2.00	1.50
<b>PARK Co.</b>												
Livingston.....	.....	.45	.....	.....	.35	.21	.75	.55	.75	.65	2.00	1.50
<b>RAVALLI Co.</b>												
Stevensville.....	.40	.40	.....	.....	.21	.22	.60	.45	.50	.58	.90	1.25
Hamilton.....	.....	.45	.....	.....	.....	.25½	.....	.35	.....	.....	.....	1.13
<b>SILVER BOW Co.</b>												
Butte.....	.47½	.60	.53	.....	.31	.32	.96	.79	.82	.74	1.58	1.41
Melrose.....	.....	.75	.....	.....	.....	.32	.....	.75	.....	1.00	.....	1.75
<b>TETON Co.</b>												
Choteau.....	.75	.75	.....	.60	.55	.40	1.00	1.00	.....	.75	.....	3.00
<b>SWEET GRASS Co.</b>												
Big Timber.....	.....	.60	.....	.43	.....	.27	.....	.60	.....	.....	.....	2.50
<b>YELLOWSTONE Co.</b>												
Billings.....	.60	.60	.....	.....	.36	.32	.....	.75	.....	.60	2.00	1.50
Columbus.....	.45	.60	.....	.....	.32½	.24	.75	.70	.50	.....	1.50	2.00

TABLE NO. 44—CONTINUED.

COUNTIES. TOWNS.	HAY: (BALED) Average Price per Ton.				HAY: (LOOSE) Average Price per Ton.				EGGS:		BUTTER:		POULTRY:	
	1st Class.		2nd Class.		1st Class.		2nd Class.		Per Dozen.		Per Pound.		Per Dozen.	
	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895
<b>BEAVERHEAD Co.</b>	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Dols.	Cts.	Cts.	Cts.	Cts.	Dols.	Dols.
Dillon .....	11.00	9.45	.....	8.00	8.25	7.50	.....	6.00	.20	.26½	.25	.26½	.....	4.50
Lima .....	.....	12.00	.....	9.00	.....	10.00	.....	8.00	.....	.25	.....	.25	.....	.....
Bannack .....	.....	.....	.....	.....	.....	7.00	.....	.....	.....	.20	.....	.25	.....	4.50
Dewey .....	11.00	12.00	.....	.....	.....	9.00	.....	.....	.25	.25	.25	.30	4.00	5.00
<b>CASCADE Co.</b>														
Great Falls .....	.....	12.87	.....	10.25	10.66	10.40	7.50	7.70	.26½	.24	.23½	.22	5.10	3.50
Sand Coulee .....	.....	.....	.....	.....	.....	10.00	.....	.....	.....	.25	.....	.23	.....	.....
Belt .....	.....	12.00	.....	10.00	.....	10.00	.....	8.00	.....	.25	.....	.25	.....	4.00
Cascade .....	11.00	10.75	8.00	8.50	.....	8.00	.....	6.00	.....	.19	.....	.19	.....	4.50
Monarch .....	12.50	12.00	10.00	10.00	.....	10.00	.....	7.00	.30	.25	.27	.25	.....	6.00
<b>CHOTEAU Co.</b>														
Fort Benton .....	.....	12.00	.....	.....	10.00	10.00	7.00	.....	.20	.25	.25	.25	.....	4.50
Hayden .....	15.00	11.00	10.00	.....	8.00	11.00	4.00	.....	.20	.20	.20	.20	3.50	.....
Chinook .....	.....	10.00	.....	9.00	.....	6.00	.....	5.00	.....	.20	.....	.22½	.....	3.00
<b>CARBON Co.</b>														
Red Lodge .....	14.50	10.00	.....	.....	10.00	8.00	8.00	7.00	.25	.22½	.25	.22½	4.00	3.00
<b>CUSTER Co.</b>														
Miles City .....	14.00	12.00	.....	10.00	12.00	10.00	.....	8.00	.25	.22	.22½	.22	.....	3.60
Forsyth .....	15.00	11.50	.....	9.00	12.00	9.50	.....	8.00	.25	.18¾	.25	.21¼	3.00	2.62
<b>DAWSON Co.</b>														
Glendive .....	.....	14.00	.....	.....	10.00	10.00	.....	8.00	.17½	.20	.25	.25	3.00	.....
<b>DEER LODGE Co.</b>														
Anaconda .....	.....	14.00	.....	10.66	.....	12.00	.....	9.33	.25	.30	.30	.28½	.....	3.50
Deer Lodge .....	15.00	13.00	12.00	11.00	10.00	10.00	8.00	7.66	.20	.23½	.25	.23½	4.00	4.00
Elliston .....	.....	13.00	.....	12.00	.....	10.00	.....	6.00	.....	.20	.....	.25	.....	4.00
Osborne .....	.....	.....	.....	.....	.....	6.00	.....	4.00	.....	.20	.....	.25	.....	4.00
Helmville .....	.....	.....	.....	.....	.....	5.00	.....	4.00	.....	.20	.....	.25	.....	.....
<b>FERGUS Co.</b>														
Lewistown .....	12.00	12.25	.....	10.00	10.00	8.50	.....	.....	.20	.30	.30	.30	.....	3.00
Utica .....	.....	.....	.....	.....	.....	6.00	.....	5.00	.....	.20	.....	.25	.....	3.50
Judith .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.20	.....	.20	.....	.....
Ubet .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.20	.....	.25	.....	.....
Stanford .....	.....	.....	.....	.....	.....	.....	.....	5.00	.....	.20	.....	.25	.....	4.00
<b>FLATHEAD Co.</b>														
Kalispeil .....	12.50	8.50	10.00	6.00	11.00	7.00	7.00	5.00	.17	.17½	.25	.18¾	3.00	2.75
Columbia Falls .....	.....	9.50	.....	7.50	.....	5.50	.....	4.50	.....	.20	.....	.20	.....	.....
<b>GALLATIN Co.</b>														
Bozeman .....	12.00	10.50	10.00	8.50	11.00	8.50	9.00	6.50	.22	.18	.26¼	.22½	4.00	3.50
Manhattan .....	10.50	9.00	8.00	8.00	7.00	6.00	5.00	5.00	.20	.18	.25	.22½	4.00	4.50
<b>GRANITE Co.</b>														
Philipsburg .....	15.00	12.25	13.00	9.75	12.00	12.00	9.00	8.00	.25	.25	.25	.25	.....	4.00
New Chicago .....	.....	10.00	.....	7.00	.....	7.00	.....	4.50	.....	.20	.....	.20	.....	4.00
Drummond .....	.....	10.00	.....	8.00	.....	8.00	.....	6.00	.....	.25	.....	.25	.....	4.00
<b>JEFFERSON Co.</b>														
Boulder .....	10.00	12.50	7.00	10.50	.....	8.00	5.00	6.00	.25	.25	.25	.25	5.00	4.35
Basin .....	.....	13.00	.....	10.00	.....	8.00	.....	7.00	.....	.20	.....	.25	.....	4.50
Whitehall .....	.....	10.00	.....	8.00	.....	8.00	.....	6.00	.....	.20	.....	.22½	.....	4.50
<b>LEWIS AND CLARKE Co.</b>														
Helena .....	13.50	12.00	11.00	9.66	.....	11.00	.....	9.00	.21¼	.20	.26¼	.20	5.00	3.58

## PRODUCTS IN CERTAIN CITIES AND TOWNS—CONTINUED.

COUNTIES. TOWNS.	HAY: (BALED.) Average Price per Ton.				HAY: (LOOSE.) Average Price per Ton.				EGGS:		BUTTER:		POULTEY:	
	1st Class.		2nd Class.		1st Class.		2nd Class.		Per Dozen		Per Pound.		Per Dozen.	
	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895
<b>MADISON Co.</b>														
Virginia City.....	14.00	13.00	12.50	11.00	11.00	10.00	9.00	9.00	.22	.20	.25	.25	4.00	4.50
Pony.....		10.00		7.50		8.00		5.00		.20		.25		4.00
Sheridan.....		12.00		10.00		9.00		7.00		.20		.25		5.00
<b>MEAGHER Co.</b>														
White Sulphur Springs..	16.00	10.00	12.50	6.50	10.00	7.50	8.00	4.00	.22	.22½	.26¼	.25	3.50	4.25
Townsend.....	12.00	12.00	10.00	10.00	8.00	8.00	6.00	6.00	.20	.20	.20	.25	4.00	4.00
Neihart.....		13.00		11.00		12.00		9.50	.30	.25	.25	.25	6.00	5.00
Castle.....						7.50								
<b>MISSOULA Co.</b>														
Missoula.....	17.50	12.50	14.50	10.00	12.50	11.50	9.00	9.50	.25	.25	.27½	.25	4.25	4.00
<b>PARK Co.</b>														
Livingston.....	16.00	12.00	13.00	10.00	14.00	11.00	10.00	9.00	.22½	.20	.22½	.20	4.25	3.75
<b>RAVALLI Co.</b>														
Stevensville.....	12.00	10.00		9.00	9.00	7.50		6.25	.15	.15	.20	.22½	3.50	3.00
Hamilton.....		10.00		8.25		8.00		6.75		.19		.20		
<b>SILVER BOW Co.</b>														
Butte.....	16.00	13.00	12.00	10.50	10.00	9.75	8.50	8.00	.25	.21	.22	.21		3.50
Melrose.....		12.50		11.00		10.00		8.00		.25		.25		
<b>TETON Co.</b>														
Choteau.....					5.00	7.50			.25	.20	.30	.30	4.00	4.50
<b>SWEET GRASS Co.</b>														
Big Timber.....		11.00		8.00		9.00		6.00		.20		.25		
<b>YELLOWSTONE Co.</b>														
Billings.....	8.50	10.00		9.50	7.00	8.00		6.00		.17½		.22½		
Columbus.....	10.00	9.50	6.50		8.00	7.00	4.00		.20	.20	.20	.20	4.00	

## CERTAIN WEIGHTS ESTABLISHED BY LAW.

Sec. 3134, Political Code—Effective July 1, 1895.

SEC. 3134. The ton consists of 2,000 pounds, but a ton of mineral coal is expressed by the conventional quantity of 28 bushels of 80 pounds weight each. A bushel of each of the articles hereinafter named consists of the number of pounds opposite to each, to-wit;

	Pounds		Pounds		Pounds
Apples and Pears	45	Corn Meal	50	Seeds	
Barley	48	Hay, per ton	2,000	Blue Grass	14
Beans	60	Lime, unslacked	80	Clover	60
Beets	50	Malt	30	Timothy	45
Bran	20	Oats	32	Flax	56
Buckwheat	52	Onions	57	Hemp	41
Carrots	50	Parsnips	50	Hungarian Grass	50
Coal, mineral	80	Potatoes	60	Turnips	50
Corn, in the ear	70	Peas	60	Wheat	60
Corn, shelled	56	Rye	56		
		Salt	50		



TABLE NO. 45.—FARM PRICES DEC. 1, 1890, 1891, 1892, 1893, AND 1894—FROM REPORT U. S. DEPARTMENT OF AGRICULTURE, 1894.

States and Territories.	Corn (per bushel).			Wheat (per bushel).			Oats (per bushel).			Barley (per bushel).			Hay (per ton).			Cotton (per pound).		
	1890	1891	1892	1893	1894	1890	1891	1892	1893	1894	1890	1891	1892	1893	1894	1890	1891	1892
	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.	Cts., Cts., Cts.
Maine.....	74	80	67	62	72	\$1.15	\$1.10	\$1.02	\$1.02	70	72	68	67	66	\$9.25	9.75	11.00	13.20
New Hampshire.....	72	77	64	61	69	1.15	1.15	1.00	.85	81	74	74	70	63	9.75	11.00	13.20	15.00
Vermont.....	72	76	64	61	69	1.11	1.14	1.06	.85	70	72	66	60	60	8.70	10.00	10.63	10.50
Massachusetts.....	70	78	62	62	61	1.15	1.15	.97	.....	77	75	82	87	72	13.50	16.00	16.40	17.33
Rhode Island.....	72	79	63	69	75	.....	.....	.....	.....	76	78	82	87	72	14.00	16.25	17.40	19.00
Connecticut.....	70	76	62	64	68	1.10	1.06	.87	.....	73	45	49	43	47	13.50	15.75	16.50	17.50
New York.....	65	66	60	55	61	1.00	.85	.76	.62	78	65	75	60	56	7.75	11.00	11.00	11.33
New Jersey.....	62	65	58	52	54	1.00	1.04	.83	.70	70	61	57	50	48	10.30	14.40	14.25	17.43
Pennsylvania.....	60	57	57	49	55	.99	1.00	.81	.65	70	61	57	50	48	7.50	10.00	12.30	14.40
Delaware.....	50	53	44	40	45	.96	1.00	.75	.60	70	61	57	50	48	10.00	12.00	12.33	17.00
Maryland.....	50	53	44	40	45	.92	1.00	.74	.63	70	61	57	50	48	10.00	12.00	12.33	17.00
Virginia.....	50	53	44	40	45	.96	1.00	.75	.63	70	61	57	50	48	10.00	12.00	12.33	17.00
North Carolina.....	55	58	53	46	47	1.00	1.02	.89	.72	70	61	57	50	48	10.00	12.00	12.33	17.00
South Carolina.....	55	58	53	46	47	1.00	1.02	.89	.72	70	61	57	50	48	10.00	12.00	12.33	17.00
Georgia.....	60	63	56	56	58	1.05	1.10	.93	.98	70	61	57	50	48	13.50	15.00	15.80	19.75
Florida.....	60	63	56	56	58	1.10	1.10	.90	.90	70	61	57	50	48	13.50	15.00	15.80	19.75
Alabama.....	65	68	60	60	68	1.00	1.10	.93	.88	70	61	57	50	48	11.40	11.25	12.38	15.80
Mississippi.....	70	75	51	55	49	1.00	1.00	.90	.85	70	61	57	50	48	10.20	11.58	9.90	10.61
Louisiana.....	70	75	51	55	49	1.10	1.00	.90	.85	70	61	57	50	48	10.20	11.58	9.90	10.61
Texas.....	72	55	45	54	56	.95	.87	.75	.54	70	61	57	50	48	9.50	8.75	8.56	9.62
Arkansas.....	65	46	47	45	47	.98	.90	.80	.65	70	61	57	50	48	10.30	10.57	8.74	9.37
Tennessee.....	52	43	39	39	39	.97	.93	.75	.72	70	61	57	50	48	8.50	9.17	10.50	10.16
West Virginia.....	60	52	56	55	57	.95	.96	.75	.72	70	61	57	50	48	9.00	10.15	9.50	10.16
Kentucky.....	49	40	40	43	44	.92	.90	.67	.57	70	61	57	50	48	8.00	9.17	10.50	10.16
Ohio.....	51	41	42	40	43	.91	.92	.68	.57	70	61	57	50	48	7.50	8.20	9.17	10.16
Indiana.....	55	48	46	45	50	.90	.91	.67	.57	70	61	57	50	48	8.00	9.17	10.50	10.16
Michigan.....	43	37	37	31	39	.87	.88	.64	.53	70	61	57	50	48	7.00	7.72	7.53	8.80
Illinois.....	45	44	38	35	45	.83	.84	.62	.51	70	61	57	50	48	6.65	7.20	7.05	7.96
Wisconsin.....	42	30	32	34	43	.81	.78	.61	.51	70	61	57	50	48	5.00	5.75	4.00	4.57
Minnesota.....	42	30	32	34	43	.81	.78	.61	.51	70	61	57	50	48	5.00	5.75	4.00	4.57
Iowa.....	41	30	32	37	45	.80	.81	.60	.49	70	61	57	50	48	4.75	5.50	5.25	6.16
Missouri.....	41	30	32	37	45	.80	.81	.60	.49	70	61	57	50	48	4.75	5.50	5.25	6.16
Kansas.....	51	34	31	31	43	.77	.73	.58	.48	70	61	57	50	48	3.75	4.50	4.00	4.57
Nebraska.....	48	35	35	35	46	.76	.73	.50	.40	70	61	57	50	48	3.75	4.50	4.00	4.57
South Dakota.....	50	40	40	38	41	.70	.72	.51	.44	70	61	57	50	48	3.75	4.50	4.00	4.57
North Dakota.....	50	40	40	38	41	.70	.72	.51	.44	70	61	57	50	48	3.75	4.50	4.00	4.57
Montana.....	70	70	70	82	80	.80	.84	.60	.48	70	61	57	50	48	10.50	8.50	8.15	9.73
Wyoming.....	65	61	63	65	82	.82	.86	.65	.62	70	61	57	50	48	9.00	8.00	6.50	6.98
Colorado.....	63	53	60	51	61	.81	.72	.58	.52	70	61	57	50	48	9.00	8.00	6.50	6.98
New Mexico.....	73	72	62	66	1.00	.95	.82	.70	.68	70	61	57	50	48	9.00	8.00	6.50	6.98
Arizona.....	70	70	70	82	80	.80	.84	.60	.48	70	61	57	50	48	9.00	8.00	6.50	6.98
Utah.....	68	60	58	58	58	.75	.75	.62	.60	70	61	57	50	48	9.00	8.00	6.50	6.98
Nevada.....	70	70	70	82	80	.80	.84	.60	.48	70	61	57	50	48	9.00	8.00	6.50	6.98
Idaho.....	70	70	70	82	80	.80	.84	.60	.48	70	61	57	50	48	9.00	8.00	6.50	6.98
Washington.....	50	60	62	69	76	.75	.75	.65	.65	70	61	57	50	48	9.00	8.00	6.50	6.98
Oregon.....	66	71	56	47	58	.75	.75	.65	.65	70	61	57	50	48	9.00	8.00	6.50	6.98
California.....	65	71	55	50	57	.76	.76	.68	.63	70	61	57	50	48	9.00	8.00	6.50	6.98
Oklahoma.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70	61	57	50	48	9.00	8.00	6.50	6.98
General average.....	50.6	40.39	36.5	45.7	.....	.838	.839	.624	.538	491	42.4	31.5	31.7	29.1	32.4	7.74	8.39	8.40
											54.7	47.2	41.1	44.2	.....	8.6	7.3	8.4
																6.99	4.6	4.6

## Comparative Consumption of "Imported" and "Montana" Farm Products in the State.

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MILLIONS OF DOLLARS SENT OUT OF THE STATE ANNUALLY FOR PRODUCTS THAT  
COULD BE PRODUCED AT HOME.

The immense consumption in Montana of farm products imported from other states, which could and should be supplied by our own farmers, is an enormous and useless drain upon the wealth of the state, in gross violation of the established axioms of public economy, and Montana farmers from whom the state derives a large portion of its revenues will not enjoy that wholesome measure of prosperity to which other conditions contribute, and to which the farming element is entitled, until Montana more largely abandons the pernicious policy of annually sending millions of dollars of its money abroad for that which can be as well or better produced at home. The principle holds good as to all home productions and we reiterate here the statement made in a former publication that the extent to which this unnecessary importation of foreign productions is practiced by Montana is suicidal and it is not believed any other state would or could stand the enormous drain on its vitality which Montana has endured, and which she has only been enabled to do and prosper by reason of her other great resources. It is nevertheless a wrong and injurious policy and every sentiment of state patriotism and consideration for the welfare of our own people and the upbuilding of the state demands that it should be reversed.

There being no law of the state requiring common carriers to report their traffic shipments, exact importations of the several commodities into the state, upon which computations could be made in dollars and cents, could not be obtained from the majority of them as it involved an amount of clerical labor the officers did not feel warranted in assuming; and it will be readily comprehended that after distribution to dealers it would be still more difficult to obtain these results. So desirous, however, was the Bureau of keeping attention directed to this matter that in 1895, as in the year preceding, it again sent blank forms to all principal dealers in these commodities in every county in the state whose addresses could be obtained embodying inquiries to elicit information expressed in percentages as to the relative amounts of certain imported and domestic products sold by them, the increased or decreased sales of each during the year, and from whence imported products were procured. A large proportion of these forms were filled out without delay, and solicitation was continued to the point of importunity until what is believed to be a fair presentment of the relative amounts sold in the several places named in the table following was obtained. It should be borne in mind however that smaller communities where sales are limited have in the table the same weight as the larger communities and the showing is inaccurate to that extent. It will not be practicable, except at great expense, if at all, to obtain exact figures in quantities and values of imported commodities until there is a law requiring railroad and express companies to report their traffic to some state officer or commission. But the percentages shown in this table, special local investigations made at certain places and facts occasionally ascertained as to the quantity and value of some particular commodity imported into the state, are startling even to those who have devoted attention to the matter, and graphically illustrate the proposition that Montana is pursuing a reckless and ruinous policy toward home producers which she should be quick to reverse. The millions of dollars we are annually sending out of the state for farm products which could be and are produced of as good or better quality at home, to say nothing of the manufactured articles, if devoted to our own producers would develop, multiply and build up into magnificent prosperity the agricultural interests of the state.

As instances of the importation of such commodities into Montana General Freight Agent Moore, of the Northern Pacific Railroad, recently stated that Montana sends annually to the packers of the Missouri and Mississippi valleys over \$1,250,000 for ham, bacon, pork and lard, of which 165,000 pounds having a value of \$250,000, came last year to Helena. Montana sent last year over \$500,000 to Iowa, Illinois and Nebraska for butter, eggs and cheese. Every year 150,000 bushels of apples are imported into the state from Missouri, Utah, California, Oregon and Washington. Montana brewers produce about 50,000 barrels of beer, but in addition to this there were imported into the state in 1895 nearly 1,000 car loads of beer made in the east, for which approximately \$750,000 were sent out of the state. At the same time Montana grown barley is conceded to be the best grown in the world and in evidence of this brewers of Berlin, Germany, have now contracted for 2,500,000 pounds of Gallatin Valley barley to be delivered next season. Although Montana wheat is certified by millers and chemists to be equal to any grown on the continent, and the flouring mills of the state are equipped with the most approved modern machinery and produce the very best quality of flour, the Northern Pacific and Union Pacific railroads alone brought into Montana from neighboring states for the year ended June 30, 1895, 5,855 tons of flour having a market value of \$307,387. The cost of flour brought into the state last year doubtless exceeded in value \$450,000. For the few items enumerated above Montana last year sent abroad over \$3,000,000, nearly all which could and should be produced in the state.

Recently Mr. Sewell Davis of Butte City, made an investigation in Butte City to ascertain the aggregate consumption of certain products in Butte during the calendar year 1895, and the quantity and percentage of the same imported, with the following results. These figures, obtained through the courtesy of railroad and express companies, and dealers in the various lines, who made careful research of their books and computations for that purpose, have special importance from the fact that Butte and its environs contain about one-fifth of the population of the state. Mr. Davis has kindly placed these results at disposal of this Bureau, just as this portion of the report is going to press. It will be seen the percentage of imported products shown by this exhibit for the calendar year is even in excess of that reported by dealers to this Bureau for the year ended six months earlier.

Estimate of food, fuel and building products which can be produced in Montana, consumed by the City of Butte in the year 1895, and the amount of same that was shipped from points outside of the state.

	Total Consumption.	Amount Imported.	Per Cent Imported
Cattle .....	12,280 Head	8,620 Head	70%
Sheep .....	7,620 "	1,220 "	26%
Hogs .....	4,760 "	1,880 "	39½%
Grain.....	21,060,000 pounds	532,000 pounds	2½%
Potatoes.....	3,646,000 "	1,234,000 "	33 5-9%
Flour.....	10,636,000 "	6,076,000 "	57%
Meal.....	1,928,000 "	1,864,000 "	96½%
Ham and Bacon.....	1,537,000 "	1,533,000 "	99¾%
Butter.....	1,014,524 "	987,424 "	97¾%
Cheese .....	92,000 "	92,000 "	100%
Poultry.....	1,564,646 "	1,560,146 pounds	99½%
Eggs .....	1,800,000 dozen	1,710,000 dozen	95%
Fruit.....	4,732,015 pounds	4,644,000 pounds	98 1-7%
Vegetables (except potatoes).....	3,786,000 "	3,215,000 "	85%
Coal.....	138,260,000 "	45,060,000 "	32½%
Lumber .....	33,260,000 feet	2,140,000 feet	6½%

## PROPORTIONATE SALES "MONTANA" AND "IMPORTED" PRODUCTS.

**TABLE NO. 46**—SHOWING PROPORTIONATE SALES EXPRESSED IN PER CENTAGES OF CERTAIN "MONTANA" AND "IMPORTED" PRODUCTS, THE INCREASED OR DECREASED SALE OF MONTANA FARM PRODUCTS, AND STATES FROM WHENCE PRODUCTS ARE IMPORTED, AS REPORTED BY OR AVERAGED FROM REPORTS OF PRINCIPAL DEALERS IN PLACES NAMED, FOR YEAR ENDED JUNE 30, 1895.

(A number of those reporting Market Prices, as reported in another table, did not fill in statement of relative sales, hence those places are necessarily omitted in this table. It is believed, however, to show closely the proportionate amounts sold throughout the State.)

Tracing Number.....	COUNTY.  Place.	FLOUR.					PORK, BACON, HAM.*				
		Per cent of Mont. ana sold.....	Per cent of Im- ported sold....	Per ct. increased Sales of Mont. ana Flour.....	Per ct. decreased Sales of Mont. ana Flour.....	From what States Imported product principally ob- tained.	Per cent. of Mont. ana sold.....	Per cent. of Im- ported sold....	Per ct. increased Sales of Mont. ana Product..	Per ct. decreased Sales of Mont. ana Product..	From what States Imported product principally ob- tained.
1	BEAVERHEAD Dillon..... Bannack..... Lima..... Dewey.....	89 100 25 60	11 100 75 40	50 ..... ..... .....	..... ..... ..... .....	Idaho; Minn..... "..... Nebraska..... Minnesota.....	1 ..... 10 100	99 100 90 100	n. r ..... 10 .....	n. r ..... ..... .....	Nebraska; Illinois Nebraska; Mo..... "..... ".....
2	CARBON Red Lodge.....	75	25	n. r	n. r	Dakota.....	100	.....	.....	.....	Nebraska.....
3	CASCADE Great Falls..... Belt..... Cascade..... Monarch.....	96½ 101 67½ 100	31½ ..... 32½ 100	n. r ..... n. r .....	n. r ..... n. r .....	N. Dak. and Minn..... "..... Dakota and Minn..... ".....	100 1 5 100	100 99 95 100	n. r ..... "..... ".....	n. r ..... "..... ".....	Kas.; Neb.; Ill..... Ill.; Ia.; Mo..... Nebraska..... Kansas.....
4	CHOTEAU Ft. Benton..... Havre..... Chinook.....	100 00 67½ 95	..... 32½ 5	n. r "..... ".....	n. r "..... ".....	Minnesota..... N. Dakota..... ".....	100 100 100	..... ..... .....	..... ..... .....	..... ..... .....	Illinois..... Neb.; Mo..... Nebraska.....
5	CUSTER Miles City..... Forsyth.....	7½ 25	92½ 75	5 n. r	..... n. r	Dakota..... N. Dakota.....	100 100	..... .....	..... .....	..... .....	Nebraska..... N. D.; Minn.; Neb.
6	DAWSON Glendive..... Wibaux.....	30 .....	70 100	20 n. r	..... n. r	N. Dakota..... Minnesota.....	100 100	..... .....	..... .....	..... .....	Ill.; Minn.....
7	DEER LODGE Anaconda..... Deer Lodge..... Elliston..... Ovando..... Helmville.....	55 75 75 100 100	45 15 25 ..... .....	n. r 20 30 ..... .....	n. r ..... ..... ..... .....	Minn; Dakota..... Neb; Dakota..... N. Dakota..... "..... ".....	100 100 100 5 100	100 100 100 95 100	..... ..... ..... n. r n. r	n. r ..... ..... n. r n. r	Kas.; Neb..... Nebraska..... Missouri..... Kas.; Ill.; Neb..... ".....
8	FELGUS Lewistown..... Judith..... Ubet..... Stanford.....	80 25 75 100	20 75 25 .....	50 n. r "..... ".....	..... n. r "..... ".....	Dakota..... "..... N. Dakota..... ".....	100 100 10 5	100 100 90 95	..... ..... n. r ".....	n. r ..... n. r ".....	Illinois..... "..... Minn.; Neb..... ".....
9	FLATHEAD Kalispell..... Columbia Falls.....	90 100	10 .....	90 .....	..... .....	Washington..... ".....	100 10	100 90	n. r .....	n. r .....	Illinois..... ".....
10	GALLATIN Bozeman..... Manhattan.....	100 100	..... .....	..... .....	..... .....	..... .....	100 100	..... .....	..... .....	..... .....	Nebraska..... Missouri.....
11	GRANITE Philipsburg..... New Chicago..... Drummond.....	100 50 100	..... 50 .....	..... 25 .....	..... ..... .....	..... Dakota..... ".....	5 10 20	95 90 80	n. r ..... 20	n. r "..... ".....	Ia.; Nebraska..... Nebraska..... ".....
12	JEFFERSON Boulder..... Basin..... Whitehall.....	100 100 95	..... ..... 5	33½ ..... 30	..... ..... .....	..... ..... Minnesota.....	100 100 1	100 100 99	..... ..... n. r	n. r ..... n. r	Neb.; Mo..... Nebraska..... ".....
13	LEWIS AND CLARKE Helena.....	53½	46½	10	.....	Dakota; Minn.....	6½	93½	n. r	n. r	Ill.; Mo.; Neb.....
14	MADISON Virginia City..... Pony..... Sheridan.....	100 100 100	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	5 33 7½	95 67 92½	n. r ..... n. r	n. r ..... n. r	Nebraska..... "..... ".....

TABLE NO 46—CONTINUED.

Tracing Number .....	COUNTY.  Place.	FLOUR.					PORK, BACON, HAM.*				
		Per cent of Montana sold.....	Per cent of Imported sold.....	Per ct. increased Sales of Montana Flour.....	Per ct. decreased Sales of Montana Flour.....	From what States Imported product principally obtained.	Per cent of Montana Sold.....	Per cent of Imported Sold.....	Per ct. increased Sales of Montana Product..	Per ct. decreased Sales of Montana Product..	From what States Imported product principally obtained.
15	MEAGHER White Sul. Springs. Townsend..... Neihart..... Castle.....	94½ 75 25 100	5½ 25 75	n. r 40 n. r	n. r n. r	Minnesota..... Dakota.....	42½ 20 25	95½ 80 75	n. r 10 n. r	n. r n. r	Iowa; Nebraska... Nebraska..... ".....
16	MISSOULA Missoula.....	80	20	30	.....	Dakota; Minn.....	10	90	10	.....	Mo.; Ill.; Neb....
17	PARK Livingston.....	86½	13½	100	.....	N. Dakota.....	5	95	n. r	n. r	Nebraska; Mo....
18	RAVALLI Stevensville..... Hamilton.....	50 75	50 25	n. r n. r	n. r n. r	Washington..... Minnesota.....	50 85	10 15	n. r n. r	n. r n. r	Illinois..... Missouri.....
19	SILVER BOW Butte..... Melrose.....	42½ 95	57½ 5	10 n. r	n. r n. r	N. D.; Minn.; Neb. Illinois.....	5½ 100	94½ 100	n. r n. r	n. r n. r	Kas.; Nebraska... Nebraska.....
20	SWEET GRASS Big Timber.....	80	20	40	.....	Dakota.....	.....	100	.....	.....	Nebraska.....
21	TETON Choteau.....	80	20	30	.....	Dakota.....	.....	100	.....	.....	Nebraska.....
22	VALLEY Glasgow.....	10	90	n. r	n. r	Minnesota.....	1	99	n. r	n. r	Nebraska.....
23	YELLOWSTONE Billings..... Columbus.....	33 80	67 20	n. r n. r	n. r n. r	Dakota..... "..... ".....	100 100	..... .....	..... .....	..... .....	Nebraska..... "..... ".....

\* The "Dealers" from whom these Reports were received do not include Butchers and Meat Markets. It is probable there would be shown a larger per centage of Montana cured meats sold if reports had been obtained from them.

Tracing Number .....	COUNTY.  Town.	BUTTER.					LARD.				
		Per cent of Montana sold.....	Per cent of Imported sold.....	Per ct. increased Sales of Montana butter.....	Per ct. decreased Sales of Montana butter.....	From what States Imported product principally obtained.	Per cent of Montana sold.....	Per cent of Imported sold.....	Per ct. increased sales of Montana Lard.....	Per ct. decreased sales of Montana Lard.....	From what states imported product principally obtained.
1	BEAVERHEAD Dillon..... Bannack..... Lima..... Dewey's.....	100 100 100 90	..... ..... ..... 10	..... ..... n. r	..... ..... n. r	..... ..... ..... .....	½ 10 10	99½ 100 90 100	n. r n. r 10 n. r	n. r n. r	Neb., Ill..... Neb., Mo..... Nebraska..... ".....
2	CARBON. Red Lodge.....	75	25	n. r	n. r	Dakota.....	.....	100	.....	.....	Nebraska.....
3	CASCADE. Great Falls..... Belt..... Cascade..... Monarch.....	162½ 75 100 100	83½ 25	n. r n. r	n. r n. r	Minn. and N. Dak. Minnesota.....	32½ 100 100 100	96½ 100 100 100	n. r n. r	n. r n. r	Neb., Ia., Ill., Kan Ia., Ill., Mo..... Nebraska..... Kansas.....
4	CHOTEAU. Ft. Benton..... Havre..... Chinook.....	55 75 100	45 25	n. r n. r	n. r 25	Minnesota..... "..... ".....	100 100 100	..... ..... .....	..... ..... .....	..... .....	Illinois..... Neb., Mo..... Nebraska.....
5	CUSTER. Miles City..... Forsyth.....	25½ 27½	74½ 72½	n. r n. r	n. r n. r	Minnesota..... Minn. and N. Dak.	100 100	..... .....	..... .....	..... .....	Nebraska..... Minn., Ia.....

TABLE NO. 46.—CONTINUED.

Tracing Number.....	COUNTY.  Town.	BUTTER.					LARD.				
		Per cent of butter sold....	Per cent of "Imported" butter sold....	Per cl. increased Sales of "Mon- tana" butter...	Per cl. decreased Sales of "Mon- tana" butter...	From what states imported product principally obtained.	Per cent of lard sold.....	Per cent of "Imported" lard sold.....	Per cl. increased Sales of "Mon- tana" lard.....	Per cl. decreased Sales of "Mon- tana" lard.....	From what states imported product principally obtained.
6	DAWSON. Glendive..... Wibaux.....	60 100	40 100	n. r n. r	n. r n. r	N. Dak. and Minn.	100 100	..... .....	..... .....	..... .....	Ill., Minn.....
7	DEER LODGE. Anaconda..... Deer Lodge..... Elliston..... Ovando..... Helmville.....	11 <sup>2</sup> / <sub>2</sub> 87 <sup>1</sup> / <sub>2</sub> 85 100 100	88 <sup>1</sup> / <sub>2</sub> 12 <sup>1</sup> / <sub>2</sub> 15 ..... .....	n. r n. r n. r ..... .....	n. r n. r n. r ..... .....	Ill., Iowa, Wash... Minnesota..... ".....	1 <sup>2</sup> / <sub>2</sub> 100 100 5 100	98 <sup>1</sup> / <sub>2</sub> ..... ..... 95 100	n. r ..... ..... n. r n. r	n. r ..... ..... n. r n. r	Kan., Neb..... Nebraska..... Missouri..... Kan., Ill., Neb....
8	FERGUS. Lewistown..... Judith..... Ubet..... Stanford.....	100 100 100 100	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	100 100 100 10	..... ..... ..... 90	..... ..... ..... n. r	..... ..... ..... n. r	Illinois..... "..... Minn., Neb..... .....
9	FLATHEAD. Kalispell..... Columbia Falls.....	70 75	30 25	30 n. r	..... n. r	Minnesota.....	2 <sup>1</sup> / <sub>2</sub> 10	97 <sup>1</sup> / <sub>2</sub> 90	n. r n. r	n. r n. r	Illinois.....
10	GALLATIN. Bozeman..... Manhattan.....	100 100	..... .....	..... .....	..... .....	..... .....	100 100	..... .....	..... .....	..... .....	Nebraska..... Missouri.....
11	GRANITE. Phillipsburg..... New Chicago..... Drummond.....	25 100 .....	75 ..... .....	n. r ..... .....	n. r ..... .....	Minnesota.....	100 100 100	..... ..... .....	..... ..... .....	..... ..... .....	Iowa, Neb..... Nebraska..... ".....
12	JEFFERSON. Boulder..... Basin..... Whitehall.....	100 100 100	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	100 100 1	..... ..... 99	..... ..... .....	..... ..... .....	Neb., Mo..... Nebraska..... .....
13	LEWIS AND CLARKE. Helena.....	47	53	5	.....	Ill., Neb., Minn...	8	92	n. r	n. r	Neb, Ill., Mo.....
14	MADISON. Virginia City..... Pony..... Sheridan.....	100 90 95	..... 10 5	..... 10 n. r	..... n. r n. r	Minnesota.....	100 10 5	..... 90 95	..... n. r n. r	..... n. r n. r	Nebraska..... "..... ".....
15	MEAGHER. White Sul. Springs. Townsend..... Neihart..... Castle.....	100 100 37 <sup>1</sup> / <sub>2</sub> 100	..... ..... 62 <sup>1</sup> / <sub>2</sub> .....	..... ..... n. r n. r	..... ..... n. r n. r	Minnesota.....	100 10 100 25	..... 90 100 75	..... 10 ..... n. r	..... ..... ..... n. r	Ia., Neb..... Nebraska..... "..... .....
16	MISSOULA. Missoula.....	25	75	15	.....	Minnesota.....	10	90	10	.....	Mo., Ill., Neb.....
17	PARK. Livingston.....	87	13	n. r	n. r	Minnesota, Dak...	5 <sup>1</sup> / <sub>2</sub>	94 <sup>1</sup> / <sub>2</sub>	n. r	n. r	Neb., Mo.....
18	RAVALLI. Stevensville..... Hamilton.....	100 90	..... 10	n. r n. r	n. r n. r	Minnesota.....	90 30	10 70	n. r n. r	n. r n. r	Illinois..... Missouri.....
19	SILVER BOW. Butte..... Melrose.....	9 10	91 90	n. r n. r	n. r n. r	Ia., Neb. Ill. Min. Cal Illinois.....	12 <sup>1</sup> / <sub>2</sub> 100	87 <sup>1</sup> / <sub>2</sub> .....	n. r .....	n. r .....	Neb., Kan..... Nebraska.....
20	SWEET GRASS. Big Timber.....	100	.....	.....	.....	.....	100	.....	.....	.....	Minnesota.....
21	TETON. Choteau.....	100	.....	.....	.....	.....	100	.....	.....	.....	Nebraska.....
22	VALLEY. Glasgow.....	5	95	n. r	n. r	Minnesota.....	100	.....	.....	.....	Nebraska.....
23	YELLOW TONE. Billings..... Columbus.....	75 100	25 .....	n. r .....	n. r .....	Dak., Minnesota...	100 100	..... .....	..... .....	..... .....	Nebraska..... ".....

TABLE NO. 46.—CONTINUED.

Tracing Number	COUNTY.  Town.	CHEESE.					EGGS.				
		Per cent of cheese sold.	Per cent of "Imported" cheese sold.	Per ct. increased sales of "Montana" cheese.	Per ct. decreased sales of "Montana" cheese.	From what states imported product principally obtained.	Per cent of eggs sold.	Per cent of "Imported" eggs sold.	Per ct. increased sales of "Montana" eggs.	Per ct. decreased sales of "Montana" eggs.	From what states imported product principally obtained.
1	BEAVERHEAD.										
	Dillon	5	95	n. r	n. r	N. Y., Ill.	55	45	n. r	n. r	Utah
	Bannack		100			Eastern States.	100				
	Lima		100			Utah	100				
	Dewey's	15	85	n. r	n. r	Utah	40	60	n. r	n. r	
2	CARBON.										
	Red Lodge		100			Minnesota.	50	50	n. r	n. r	Idaho
3	CASCADE.										
	Great Falls		100			Cal., Ill., Wis.	18½	81½	n. r	n. r	Dakota, Minnesota
	Belt	1	99			Minnesota.	50	50	n. r	n. r	Minnesota
	Cascade		100			"	100				
	Monarch		100				100				
4	CHOTEAU.										
	Fort Benton	3	97			Illinois.	100				
	Havre		100			Minn., N. Dak.	62½	37½	25		Minnesota
	Chinook		100			Illinois	100				
5	CUSTER.										
	Miles City		100			Minnesota.	95	5	n. r	n. r	
	Forsyth		100			"	37½	62½	n. r	n. r	North Dakota
6	DAWSON.										
	Glendive		100			Minnesota.	40	60	n. r	n. r	North Dakota
	Wibaux		100					100			
7	DEER LODGE.										
	Anaconda	3½	96½	n. r	n. r	N. Y., O. Wis. Wash	5½	94½	n. r	n. r	Kan Ida Wash Neb
	Deer Lodge		100			New York.	85	15	20		Idaho.
	Elliston	25	75	20		Illinois	50	50	20		Nebraska
	Orando	20	80			Ill., Wis.	100	50			
	Helmville	10	90				100				
8	FERGUS.										
	Lewistown		100				100				
	Judith		100				100				
	Ubet		100			Minnesota.	100				
	Stanford	50	50	n. r	n. r		100				
9	FLATHEAD.										
	Kalispell		100			Wisconsin	80	20	10		Washington
	Columbia Falls		100				95	5	n. r	n. r	
10	GALLATIN.										
	Bozeman		100			Illinois	100				
	Mahhattan		100				100				
11	GRANITE.										
	Phillipsburg		100			Minn., Wis.	17½	82½	n. r	n. r	Minn., Neb.
	New Chicago		100			Illinois	100				
	Drummond		100			Ill., Minn.	100				
12	JEFFERSON.										
	Boulder		100			Illinois	75	25	10		
	Basin		100			Utah	90	10	n. r	n. r	Utah
	Whitehall	10	90	n. r	n. r	Wisconsin	95	5	n. r	n. r	Minnesota
13	LEWIS AND CLARKE.										
	Helena	16½	83½	7.50		N. Y., Minn., Wis.	48	52	15		Neb., Minn., Utah.
14	MADISON.										
	Virginia City		100			New York	95	5	n. r	n. r	
	Pony	25	75	n. r	n. r	Nebraska	80	20	n. r	n. r	Washington
	Sheridan		100			Wisconsin	97½	2½	n. r	n. r	
15	MEAGHER.										
	White Sul. Springs	25	75	n. r	n. r	N. Y., Pa.	100				
	Townsend	25	75	20		Illinois	100				
	Nehart		100			Minn. Wis N Y Cal	35	65	n. r	n. r	Minnesota
	Castle		100				100				
16	MISSOULA.										
	Missoula		100			Minnesota	25	75	10	n. r	Wash., Minn.
17	PARK.										
	Livingston	5	95	n. r	n. r	N. Y., Minn., Wis	74½	25½	n. r	n.	Dakota, Minnesota

TABLE NO. 46—CONTINUED.

Tracing Number.....	COUNTY.  Town.	CHEESE.					EGGS.				
		Per cent of cheese sold....	Per cent of "Montana" cheese sold....	Per cent of "Montana" cheese sold....	Per cent of "Montana" cheese sold....	From what states imported product principally obtained.	Per cent of eggs sold....	Per cent of "Montana" eggs sold....	Per cent of "Montana" eggs sold....	Per cent of "Montana" eggs sold....	From what states imported product principally obtained.
18	RAVALLI. Stevensville..... Hamilton .....	100 100	..... .....	..... .....	..... .....	Illinois..... North Dakota....	100 100	..... .....	..... .....	..... .....	..... .....
19	SILVER BOW. Butte..... Melrose.....	5 100	95 100	n. r .....	n. r .....	I. NY ND Cal W U Illinois.....	7 10	93 90	n. r n. r	n. r n. r	I Kan Neb U Wash Utah.....
20	SWEET GRASS. Big Timber.....	10	90	n. r	n. r	Minnesota.....	100	.....	.....	.....	.....
21	TETON. Choteau.....	100	.....	.....	.....	Minnesota.....	100	.....	.....	.....	.....
22	VALLEY. Glasgow.....	100	.....	.....	.....	Minnesota.....	10	90	n. r	n. r	Minnesota.....
23	YELLOWSTONE. Billings..... Columbus.....	100 100	..... .....	..... .....	..... .....	Minnesota..... ".....	30 100	70 100	n. r .....	n. r .....	Dakota, Neb.....

COUNTY.  Town.	POULTRY.					COUNTY.  Town.	POULTRY.				
	Per cent of Montana sold....	Per cent of Imported sold....	Per cent of Montana Poultry....	Per cent of Montana Poultry....	From what States imported product principally obtained.		Per cent of Montana sold....	Per cent of Imported sold....	Per cent of Montana Poultry....	Per cent of Montana Poultry....	From what States imported product principally obtained.
BEAVERHEAD. Dillon..... Bannack..... Lima..... Dewey's.....	90 100 100 100	10 ..... ..... .....	n. r ..... ..... .....	n. r ..... ..... .....	..... ..... ..... .....	GRANITE. Philipsburg..... New Chicago..... Drummond.....	90 100 100	10 ..... .....	n. r ..... .....	n. r ..... .....	Nebraska.....
CARBON. Red Lodge.....	.....	.....	.....	.....	.....	JEFFERSON. Boulder..... Basin..... Whitehall.....	100 ..... 100 .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....
CASCADE. Great Falls..... Belt..... Cascade..... Monarch.....	100 100 100 100	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	LEWIS & CLARKE. Helena.....	63½	36¼	10	.....	Minn., Mo.....
CHOTEAU. Ft. Benton..... Havre..... Chinook.....	100 ..... 100 100	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	MADISON. Virginia City.... Pony..... Sheridan.....	100 100 100	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....
CUSTER. Miles City..... Forsyth.....	95 100	5 .....	n. r .....	n. r .....	..... .....	MEAGHER. White Sul. Sp'gs Townsend..... Neihart..... Castle.....	100 100 75 100	..... ..... 25 .....	n. r n. r n. r	n. r n. r	..... ..... ..... .....
DAWSON. Glendive..... Wibaux.....	..... 100	..... .....	..... .....	..... .....	..... .....	MISSOULA. Missoula.....	.....	.....	.....	.....	.....
DEER LODGE. Anaconda..... Deer Lodge..... Ellisison..... Ovando..... Helmville.....	15 100 100 100 100	85 ..... ..... ..... .....	n. r ..... ..... ..... .....	n. r ..... ..... ..... .....	Nebraska, Utah ..... ..... ..... ..... .....	PARK. Livingston..... RAVALLI. Stevensville..... Hamilton.....	94½ 100 .....	5½ ..... .....	n. r ..... .....	n. r ..... .....	Dak., Minn.... ..... Dout handle..
FERGUS. Lewistown..... Judith..... Ubet..... Stanford.....	100 100 100 100	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....	SILVER BOW. Butte..... Melrose..... SWEET GRASS. Big Timber.....	9 75 .....	91 25 .....	n. r n. r .....	n. r n. r	I., N., K., W., U Utah.....
FLATHEAD. Kallispell..... Columbia Falls..	100 100	..... .....	..... .....	..... .....	..... .....	TETON. Choteau..... VALLEY. Glasgow.....	100 ..... 40	..... 60	..... n. r	..... n. r	..... Minnesota....
GALLATIN. Bozeman..... Manhattan.....	100 .....	..... .....	..... .....	..... .....	..... .....	YELLOWSTONE. Billings..... Columbus.....	100 .....	..... .....	..... .....	..... .....	..... .....



**TABLE NO. 47**—COST OF LIVING, BY AVERAGE PRICES OF GROCERIES AND MEATS, AT WHOLESALE AND RETAIL, AS AVERAGED FROM THE REPORTS OF LEADING MERCHANTS, DEALERS AND BUTCHERS IN PRINCIPAL CITIES OR TOWNS OF THE RESPECTIVE COUNTIES, DURING 12 MONTHS ENDED JUNE 30, 1895.

Articles.	Quantity.	BEAVERHEAD COUNTY.				CHOTEAU COUNTY.		
		Dillon.	Bannack.	Lima.	Dewey's	Fort Benton.	Havre.	Chinook.
Flour: 1st Qual. Imp.	100 lb.	3.00			3.50		2.37½	
Flour: 1st Qual. Imp.	Per lb.	.03¼					.02¾	
Flour: 1st Qual. Mont.	100 lbs.	2.45			2.25	2.15	2.25	2.25
Flour: 1st Qual. Mont.	Per lb.	.02¾				.02¾	.02½	
Flour: 2d Qual. Imp.	100 lbs.	2.25	2.25		3.00		2.15	
Flour: 2d Qual. Imp.	Per lb.	.02½					.02½	
Flour: 2d Qual. Mont.	100 lbs.	1.55	.02½		1.75	1.90	2.00	1.90
Flour: 2d Qual. Mont.	Per lb.	.01¾				.02¼	.02¼	
Corn Meal	100 lbs.	2.41			3.00	2.25	2.25	1.95
Corn Meal	Per lb.	.03	.03		.03	.03	.02½	
Rolled Oats	100 lbs.	3.22	3.00		5.00	3.00	4.00	4.25
Rolled Oats	Per lb.	.04	.03½		.06	.04	.04½	
Sugar	100 lbs.	5.78	6.25		6.75	6.00	5.75	6.00
Sugar	Per lb.	.06½	.06½		.08½	.06½	.06½	
Tea	Wh. lb.	30-.65	40-1.00		.50	.30		.25
Tea	Ret. lb.	40-.75	50-1.25			.50	25-.65	
Coffee	Wh. lb.	.24½	.24		.30	.20	.24	.25
Coffee	Ret. lb.	.26½	.25			.25	.28½	
Lard	Wh. lb.	.10½	.10		.15	.11½	.08½	.11
Lard	Ret. lb.	.12	.12½			.13	.10½	
Bacon	Wh. lb.	.11	.11		.15	.09	.08½	.12
Bacon	Ret. lb.	.11½	.13			.11	.08½	
Ham	Wh. lb.	.11	.13		.15	.10	.11½	.12
Ham	Ret. lb.	.13	.14			.13	.14½	
Butter	Wh. lb.	.25	.25		.30	.22	.20	.20
Butter	Ret. lb.	.26	.30			.25	.23½	
Eggs	Case	5.25			7.50	6.00	4.75	5.50
Eggs	Dozen	.24½	.20		.25	.25	.23	
Potatoes	100 lbs. wh.	.60	1.00		1.25	.75	.87½	1.00
Potatoes	100 lbs. Ret.	.70				1.00	1.12½	
Canned Vegetables etc.	Case	2.57	2.40		3.00	2.50	2.40	3.00
Canned Vegetables etc.	Can	.12	.11		.16½	.12½	.13½	
Canned Fruits	Case	3.63	4.20		4.50	4.25	3.80	4.50
Canned Fruits	Can	.18½	.20		.20	.20	.25	
Boiling Meats	Wh. lb.	.07	.07		.03		.05	
Boiling Meats	Ret. lb.	.09		.06	.07		.06	
Steaks	Wh. lb.	.10			.08		.10	
Steaks	Ret. lb.	.12½	.13	.10	.12½		.12	

Articles.	Quantity.	CASCADE COUNTY.					CARBON COUNTY.
		Great Falls	Belt.	Cascade.	Monarch.	Sand Coulee.	Red Lodge.
Flour: 1st Qual. Imp.	Per 100 lbs.	2.27		2.75			2.35
Flour: 1st Qual. Imp.	Per lb.	.02½		.03		.02½	.03
Flour: 1st Qual. Mont.	Per 100 lbs.	2.27	2.30	2.25	2.00		2.17
Flour: 1st Qual. Mont.	Per lb.	.02½	.02½	.02½	.02½	.02½	.02½
Flour: 2d Qual. Imp.	Per 100 lbs.	1.65		2.20			1.95
Flour: 2d Qual. Imp.	Per lb.	.02		.02½			.02½
Flour: 2d Qual. Mont.	Per 100 lbs.	1.65	1.80	1.75	1.60		1.42
Flour: 2d Qual. Mont.	Per lb.	.02	.02¼	.02	.02		.01¾
Flour: 2d Qual. Mont.	Per lb.	.02		.02	2.10		2.25
Corn Meal	Per 100 lbs.	1.77	1.80	2.00	.03	.02½	.02½
Corn Meal	Per lb.	.02	.02½	.02¾			4.12
Rolled Oats	Per 100 lbs.	2.12	2.75	3.50	3.00		.05
Rolled Oats	Per lb.	.03½	.04	.04¼	.05	.03½	5.67
Sugar	Per 100 lbs.	5.70	6.00	6.00	5.50		.06
Sugar	Per lb.	.06	.07	.06¼	.07½	.06¾	.25-.75
Tea	Wh. lb.	30-.60	.35	.37½	.40	.50	.25-.75
Tea	Ret. lb.	50-.85	.50	.50	.60		.25
Coffee	Wh. lb.	.21½	.22	.22½	.21½	.25	.25
Coffee	Ret. lb.	.25½	.25	.25	.25	.25	.25
Lard	Wh. lb.	.08½	.10	.10¼	.10¼		.10¼
Lard	Ret. lb.	.10½	.12½	.12½	.15	.14	.11½
Bacon	Wh. lb.	.10	.08	.08½	.10¼		.10½
Bacon	Ret. lb.	.12½	.10	.11	.14	.13	.13
Ham	Wh. lb.	.10½	.10	.11	.11		.11½
Ham	Ret. lb.	.12½	.12½	.13½	.15	.13	.13½
Butter	Wh. lb.	.24	.25	.18	.25		.25
Butter	Ret. lb.	.28½	.30	.30	.25	.25	.25
Eggs	Case	4.22	4.35	3.80	6.00		5.00
Eggs	Doz	.21½	.25	.20¼	.25	.25	.22½
Potatoes	Wh. 100 lbs.	.67½	.70	.75	.75		.97
Potatoes	Ret. 100 lbs.	.95	.85	.90	1.00	1.00	1.12
Canned Vegetables, etc.	Case	2.25	2.50	2.40	2.75		2.57
Canned Vegetables, etc.	Can	.11½	.12½	.11½	.15	.15	.12
Canned Fruits	Case	3.38	4.00	3.40	3.75		3.67
Canned Fruits	Can	.18½	.25	.18½	.25	.20	.18½
Boiling Meats	Wh. lb.						.05
Boiling Meats	Ret. lb.		.06				.05
Steaks	Wh. lb.		.10				.07½
Steaks	Ret. lb.		.11				.09

TABLE NO. 47—CONTINUED.

Articles.	Quantity.	CUSTER COUNTY.		DEER LODGE COUNTY.			
		Miles City.	Forsyth.	Anaconda.	Deer Lodge.	Ovando, Helmsville.	Elliston.
Flour: 1st Qual. Imp.....	Per 100 lbs..	2.17	2.12½	2.25	2.68	.....	3.10
Flour: 1st Qual. Imp.....	Per lb.	.02½	.02¼	.02½	.03	.....	.03½
Flour: 1st Qual. Mont.....	Per 100 lbs..	2.25	2.00	2.07	2.18	.....	2.75
Flour: 1st Qual. Mont.....	Per lb.	.02½	.02	.02½	.02½	.02¾	.05
Flour: 2d Qual. Imp.....	Per 100 lbs..	1.75	1.75	1.80	1.97	.....	1.80
Flour: 2d Qual. Imp.....	Per lb.	.01¾	.01¾	.....	.02½	.02½	.02
Flour: 2d Qual. Mont.....	Per 100 lbs..	1.73	1.67	1.27	1.43	1.72	.....
Flour: 2d Qual. Mont.....	Per lb.	.02	.01¾	.01½	.01¾	.02	.....
Corn Meal.....	Per 100 lbs..	1.75	2.50	1.65	2.32	2.70	3.00
Corn Meal.....	Per lb.	.02½	.02¾	.02	.02¾	.03	.03
Rollod Oats.....	Per 100 lbs..	2.71	4.25	2.25	3.42	3.60	4.80
Rollod Oats.....	Per lb.	.05	.04½	.02½	.04½	.05	.05
Sugar.....	Per 100 lbs..	5.75	6.00	5.85	5.90	6.50	6.00
Sugar.....	Per lb.	.07	.06½	.06¼	.06½	.07½	.07
Tea.....	Wh. lb.	.31	.45	.25-.75	.32	.35	.45
Tea.....	Ret. lb.	.50	.50	.25-.90	.30-1.00	.50	.55
Coffee.....	Wh. lb.	.22	.22	.25	.24	.26	.....
Coffee.....	Ret. lb.	.24	.23	.25	.25	.28½	.25
Lard.....	Wh. lb.	.09½	.11½	.08¼	.10½	.10	.....
Lard.....	Ret. lb.	.12	.11½	.10	.11½	.14	.13
Bacon.....	Wh. lb.	.09¾	.10½	.10½	.11	.12½	.....
Bacon.....	Ret. lb.	.12¼	.11	.12	.12¾	.13½	.13
Ham.....	Wh. lb.	.11½	.12½	.10½	.12	.12½	.....
Ham.....	Ret. lb.	.14½	.13	.12	.13½	.15	.13
Butter.....	Wh. lb.	.21¾	.22½	.25	.22	.25	.....
Butter.....	Ret. lb.	.27½	.25	.30	.25	.25	.25
Eggs.....	Case.....	5.20	4.75	4.47	5.83	5.25	4.90
Eggs.....	Dozen.....	.27½	.20	.19	.24	.22	.25
Potatoes.....	Per 100 lbs wh	.87½	1.12½	.85	.77	1.00	1.00
Potatoes.....	Per 100 lbs ret	1.12½	1.25	1.00	.85	1.25	1.24
Canned Vegetables, etc.....	Case.....	2.57	3.00	1.75	2.58	3.50	2.90
Canned Vegetables, etc.....	Can.....	.15	.12½	.10	.13½	.20	.15
Canned Fruits.....	Case.....	4.02	4.37	3.25	4.17	4.43	4.25
Canned Fruits.....	Can.....	.20	.20	.20	.21	.25	.20
Boiling Meats.....	Wh. lb.	.....	.....	.06	.05	.....	.....
Boiling Meats.....	Ret. lb.	.....	.....	.07	.07½	.....	.....
Steaks.....	Wh. lb.	.....	.....	.11	.10	.....	.....
Steaks.....	Ret. lb.	.....	.....	.15	.13½	.....	.....

Articles.	Quantity.	DAWSON COUNTY.		FERGUS COUNTY.				
		Glendive.	Wibaux.	Lewis-town.	Ubet.	Utica.	Stanford.	Judith.
Flour: 1st Qual. Imp.....	Per 100 lbs..	2.25	2.40	3.00	3.15	.....	.....	.....
Flour: 1st Qual. Imp.....	Per lb.	.02¾	.....	.03¼	.03¼	.....	.....	.....
Flour: 1st Qual. Mont.....	Per 100 lbs..	.....	.....	2.75	2.15	2.50	2.40	2.50
Flour: 1st Qual. Mont.....	Per lb.	.....	.....	.03	.02¼	.03	.02¾	.03
Flour: 2d Qual. Imp.....	Per 100 lbs..	.....	.....	2.57	.....	2.75	.....	2.75
Flour: 2d Qual. Imp.....	Per lb.	.....	.....	.02¾	.....	.03	.....	.03
Flour: 2d Qual. Mont.....	Per 100 lbs..	1.60	.....	1.65	.....	.....	.....	.....
Flour: 2d Qual. Mont.....	Per lb.	.02	.....	.02	.....	.....	.....	.....
Corn Meal.....	Per 100 lbs..	.....	2.25	3.00	2.50	3.00	3.00	2.00
Corn Meal.....	Per lb.	.....	.....	.03¾	.02¾	.03½	.04	.03
Rollod Oats.....	Per 100 lbs..	3.90	3.50	4.00	3.75	4.00	3.50	4.00
Rollod Oats.....	Per lb.	.05	.05	.04½	.04	.05	.04	.05
Sugar.....	Per 100 lbs..	5.90	.....	6.50	6.15	6.25	5.85	6.50
Sugar.....	Per lb.	.06	.....	.07	.06½	.07	.06½	.08
Tea.....	Wh. lb.	.45	.45	.25-.65	.50	.40	.35	.35
Tea.....	Ret. lb.	.50	.....	.....	.60	.50	.50	.40
Coffee.....	Wh. lb.	.23	.25	.24	.22½	.25	.22	.23
Coffee.....	Ret. lb.	.25	.....	.25	.25	.25	.25	.25
Lard.....	Wh. lb.	.10	.12½	.12	.13	.11½	.10	.12
Lard.....	Ret. lb.	.11	.....	.14	.14	.12½	.12½	.15
Bacon.....	Wh. lb.	.12	.12½	.12	.11	.10	.10	.10
Bacon.....	Ret. lb.	.13	.....	.13	.12½	.11	.13	.12
Ham.....	Wh. lb.	.12	.14	.12½	.13	.13	.11	.12
Ham.....	Ret. lb.	.13	.....	.13	.14	.14	.14	.14
Butter.....	Wh. lb.	.20	.....	.....	.25	.23	.25	.20
Butter.....	Ret. lb.	.25	.....	.22½	.25	.25	.30	.25
Eggs.....	Case.....	5.40	.....	4.50	.....	6.00	6.00	.....
Eggs.....	Dozen.....	.20	.....	.22½	.20	.20	.21	.20
Potatoes.....	Per 100 lbs wh	.90	.80	.50	.....	1.50	.50	.75
Potatoes.....	Per 100 lbs ret	1.00	.....	.75	1.00	1.50	.75	1.00
Canned Vegetables, etc.....	Case.....	.....	2.35	2.87	3.00	3.25	2.50	3.00
Canned Vegetables, etc.....	Can.....	.....	.....	.15	.15	.15	.15	.19
Canned Fruits.....	Case.....	.....	4.50	5.50	3.75	4.50	3.50	4.00
Canned Fruits.....	Can.....	.....	.....	.25	.20	.25	.20	.25
Boiling Meats.....	Wh. lb.	.....	.....	.05½	.....	.....	.....	.....
Boiling Meats.....	Ret. lb.	.06	.....	.07½	.....	.....	.....	.....
Steaks.....	Wh. lb.	.....	.....	.11½	.....	.....	.....	.....
Steaks.....	Ret. lb.	.12½	.....	.12	.....	.....	.....	.....

TABLE NO. 47—CONTINUED.

Articles.	Quantity.	FLATHEAD COUNTY.		GALLATIN COUNTY.		GRANITE COUNTY.		
		Kalispell	Columbia Falls.	Bozeman	Manhattan.	Phillipsburg.	New Chicago.	Drummond.
Flour: 1st Qual. Imp.	Per 100 lbs.					2.75	2.25	2.00
Flour: 1st Qual. Imp.	Per lb.					.02 $\frac{3}{4}$	.02 $\frac{1}{2}$	.02 $\frac{1}{4}$
Flour: 1st Qual. Mont.	Per 100 lbs.	1.95	1.75	1.66	2.00	2.25	2.15	2.00
Flour: 1st Qual. Mont.	Per lb.	.02 $\frac{1}{4}$	.02 $\frac{1}{4}$	.02		.02 $\frac{1}{2}$	.02 $\frac{1}{2}$	.02 $\frac{1}{4}$
Flour: 2d Qual. Imp.	Per 100 lbs.	1.60	1.50					1.65
Flour: 2d Qual. Imp.	Per lb.	.02	.01 $\frac{3}{4}$					.02
Flour: 2d Qual. Mont.	Per 100 lbs.	1.37		1.20	1.60	1.87	1.40	
Flour: 2d Qual. Mont.	Per lb.	.01 $\frac{3}{4}$		.01 $\frac{1}{2}$		.02	.01 $\frac{3}{4}$	
Corn Meal.	Per 100 lbs.	2.15	2.00	2.15	2.60	2.50	2.25	2.45
Corn Meal.	Per lb.	.03 $\frac{1}{4}$	.03	.02 $\frac{3}{4}$		.03	.02 $\frac{3}{4}$	.03
Rolled Oats.	Per 100 lbs.	2.57	2.10	3.17	4.00	4.50	3.00	3.15
Rolled Oats.	Per lb.	.04	.03	.04 $\frac{3}{8}$	.04 $\frac{1}{2}$	.04 $\frac{3}{4}$	.03 $\frac{1}{2}$	.04 $\frac{1}{4}$
Sugar	Per 100 lbs.	5.70	6.30	5.88	6.20	6.25	6.00	6.10
Sugar	Per lb.	.06 $\frac{1}{2}$	.06 $\frac{3}{4}$	.06	.07	.06 $\frac{3}{4}$	.07	.06 $\frac{1}{4}$
Tea	Wh. lb.	.25		.26	.55		.40	.40
Tea	Ret. lb.	.50		.40	.90	.35	.75	.50
Coffee	Wh. lb.	.21 $\frac{3}{4}$	.25	.23		.23 $\frac{1}{2}$	.22 $\frac{1}{2}$	.23
Coffee	Ret. lb.	.26	.35	.25		.30	.50	.26
Lard	Wh. lb.	.09 $\frac{1}{2}$	.10	.10 $\frac{3}{4}$		.10	.09	.08
Lard	Ret. lb.	.12 $\frac{1}{2}$	.12 $\frac{1}{2}$	.12 $\frac{3}{4}$		.12 $\frac{1}{2}$	.12 $\frac{1}{2}$	.10
Bacon	Wh. lb.	.08 $\frac{3}{4}$	.10	.09	.12 $\frac{1}{2}$	.13	.08	.08
Bacon	Ret. lb.	.11 $\frac{3}{4}$	.12 $\frac{1}{2}$	.10 $\frac{1}{2}$	.13	.14	.10	.10
Ham	Wh. lb.	.11	.12	.11	.12 $\frac{1}{2}$	.13	.11	.12
Ham	Ret. lb.	.14	.15	.13	.13	.14	.13	.13 $\frac{1}{2}$
Butter	Wh. lb.	.20	.20	.20		.24	.20	
Butter	Ret. lb.	.23 $\frac{1}{2}$	.25	.25	.22 $\frac{1}{2}$	.30	.25	
Eggs	Case.	4.87	6.00	4.90		6.00	6.00	5.50
Eggs	Dozen	.17 $\frac{1}{2}$	.25	.20	.18	.25	.25	.25
Potatoes	Per 100 lbs wh	.50	.50	.58 $\frac{1}{2}$	.75	1.15	.50	
Potatoes	Per 100 lbs ret	.60	.60	.83 $\frac{1}{3}$	.75	1.50	1.00	
Canned Vegetables, etc.	Case.	2.25	2.25	2.78	2.45	2.50	2.10	2.35
Canned Vegetables, etc.	Can.	.12 $\frac{1}{2}$	.12 $\frac{1}{2}$	.13 $\frac{1}{2}$	.12 $\frac{1}{2}$	.15	.15	.15
Canned Fruits	Case.	4.80	3.50	4.17	3.95	4.07	3.75	3.40
Canned Fruits	Can.	.25	.16 $\frac{2}{3}$	.18 $\frac{1}{3}$	.20	.22	.20	.20
Boiling Meats.	Wh. lb.	.06	.06 $\frac{1}{2}$	.06	.06	.06 $\frac{1}{4}$		
Boiling Meats.	Ret. lb.	.06	.08	.06 $\frac{1}{2}$	.07	.07 $\frac{1}{2}$		.08 $\frac{1}{2}$
Steaks	Wh. lb.	.10 $\frac{3}{4}$				.12		
Steaks	Ret. lb.	.12 $\frac{1}{4}$	.12 $\frac{1}{2}$	.12 $\frac{3}{4}$	.10	.12 $\frac{1}{2}$		.14 $\frac{1}{2}$

Articles.	Quantity.	JEFFERSON COUNTY.				LEWIS & CLARKE CO.	
		Boulder.	Basin.	Whitehall.	Wickes.	Helena.	Marysville.
Flour: 1st Qual. Imp.	Per 100 lbs.	2.10	2.50			2.50	
Flour: 1st Qual. Imp.	Per lb.	.02 $\frac{1}{2}$	.03	.03		.03	
Flour: 1st Qual. Mont.	Per 100 lbs.	1.75	2.27			2.32	
Flour: 1st Qual. Mont.	Per lb.	.02	.02 $\frac{1}{2}$	.02 $\frac{1}{2}$		.02 $\frac{3}{4}$	
Flour: 2d Qual. Imp.	Per 100 lbs.	1.50				2.15	
Flour: 2d Qual. Imp.	Per lb.	.02				.02 $\frac{1}{2}$	
Flour: 2d Qual. Mont.	Per 100 lbs.	1.55	1.87			1.67	
Flour: 2d Qual. Mont.	Per lb.	.01 $\frac{3}{4}$	.02 $\frac{1}{8}$	.01 $\frac{3}{4}$		.02 $\frac{3}{8}$	
Corn Meal.	Per 100 lbs.	2.30	2.25			2.12	
Corn Meal.	Per lb.	.04	.03	.02 $\frac{1}{4}$		.02 $\frac{3}{4}$	
Rolled Oats.	Per 100 lbs.	2.87	3.00			2.75	
Rolled Oats.	Per lb.	.04 $\frac{1}{4}$	.04 $\frac{1}{2}$	.04		.03 $\frac{1}{2}$	
Sugar	Per 100 lbs.	5.83	6.12			5.90	
Sugar	Per lb.	.06	.06 $\frac{3}{4}$	.06		.06 $\frac{1}{4}$	
Tea	Wh. lb.	.22	.45			.32	
Tea	Ret. lb.	.25	.75	.40	.75	.40	
Coffee	Wh. lb.	.22 $\frac{1}{2}$	.23 $\frac{1}{4}$			.25	
Coffee	Ret. lb.	.25	.27	.25		.27	
Lard	Wh. lb.	.10	.10 $\frac{1}{2}$			.09 $\frac{1}{2}$	
Lard	Ret. lb.	.11 $\frac{1}{4}$	.12 $\frac{3}{4}$	.12 $\frac{1}{2}$		.10 $\frac{3}{4}$	
Bacon	Wh. lb.	.11 $\frac{1}{3}$	.10 $\frac{3}{4}$			.10 $\frac{3}{4}$	
Bacon	Ret. lb.	.12 $\frac{2}{3}$	.13	.12 $\frac{1}{2}$		.11	
Ham	Wh. lb.	.11 $\frac{1}{3}$	.10 $\frac{1}{2}$			.10 $\frac{1}{2}$	
Ham	Ret. lb.	.12 $\frac{2}{3}$	.13 $\frac{1}{2}$	.12 $\frac{1}{2}$		.11	
Butter	Wh. lb.	.25	.25			.21	
Butter	Ret. lb.	.30	.30	.22 $\frac{1}{2}$		.25 $\frac{1}{2}$	
Eggs	Case.	6.25	5.75			6.66	
Eggs	Dozen	.25	.22 $\frac{1}{2}$	.20		.22 $\frac{1}{2}$	
Potatoes	Per 100 lbs wh	1.00	1.00			.78 $\frac{2}{3}$	
Potatoes	Per 100 lbs ret	1.25	1.25	1.75		.95	
Canned Vegetables, etc.	Case.	2.65	2.45			2.25	
Canned Vegetables, etc.	Can.	.12 $\frac{1}{2}$	.13 $\frac{1}{2}$	.12		.10	
Canned Fruits	Case.	3.55	3.70			3.38	
Canned Fruits	Can.	.30	.19	.17		.16 $\frac{1}{2}$	
Boiling Meats.	Wh. lb.						.04 $\frac{1}{2}$
Boiling Meats.	Ret. lb.	.07				.05	.06 $\frac{1}{2}$
Steaks	Wh. lb.						.10
Steaks	Ret. lb.	.12 $\frac{1}{2}$				.10	.13 $\frac{1}{2}$

TABLE NO. 47—CONTINUED.

Articles.	Quantity.	MADISON COUNTY.			MEAGHER COUNTY.			
		Virginia City.	Sheridan.	Pony.	Wh. Sul. Springs.	Castle.	Townsend.	Neihart.
Flour: 1st Qual. Imp.	Per 100 lbs.						2.50	3.00
Flour: 1st Qual. Imp.	Per lb.				.03 <sup>1</sup> / <sub>4</sub>		.03	.04
Flour: 1st Qual. Mont.	Per 100 lbs.	2.00	2.12	2.00	2.50	2.75	2.00	2.75
Flour: 1st Qual. Mont.	Per lb.	.02 <sup>1</sup> / <sub>4</sub>		.02 <sup>1</sup> / <sub>2</sub>	.02 <sup>1</sup> / <sub>4</sub>	.03	.02 <sup>1</sup> / <sub>2</sub>	.03 <sup>1</sup> / <sub>2</sub>
Flour: 2d Qual. Imp.	Per 100 lbs.	1.85					2.00	2.75
Flour: 2d Qual. Imp.	Per lb.	.02					.02 <sup>1</sup> / <sub>2</sub>	
Flour: 2d Qual. Mont.	Per 100 lbs.		1.87	1.75	1.75	2.25	1.50	2.47
Flour: 2d Qual. Mont.	Per lb.			.02	.02	.02 <sup>1</sup> / <sub>2</sub>	.02	.03
Corn Meal	Per 100 lbs.	2.25	3.00	2.15	2.75	3.25	1.90	3.50
Corn Meal	Per lb.	.03	.03	.03	.03	.03 <sup>1</sup> / <sub>2</sub>	.02 <sup>1</sup> / <sub>2</sub>	.04
Roll'd Oats	Per 100 lbs.	3.50	4.00	3.25	4.50	4.75	3.00	4.00
Roll'd Oats	Per lb.	.04	.05	.04	.05	.05	.04 <sup>1</sup> / <sub>2</sub>	.05
Sugar	Per 100 lbs.	6.00	6.37 <sup>1</sup> / <sub>2</sub>	5.40	6.87 <sup>1</sup> / <sub>2</sub>	7.00	6.00	6.75
Sugar	Per lb.	.07	.07	.06	.07 <sup>1</sup> / <sub>4</sub>	.07 <sup>1</sup> / <sub>4</sub>	.06 <sup>1</sup> / <sub>2</sub>	.08
Tea	Wh. lb.	.25		.35	.42 <sup>1</sup> / <sub>2</sub>		.30	
Tea	Ret. lb.	.35	.40	.50	.57 <sup>1</sup> / <sub>2</sub>	.50	.40	.50
Coffee	Wh. lb.	.32	.34	.27	.32 <sup>1</sup> / <sub>2</sub>	.35	.22	
Coffee	Ret. lb.	.25	.25	.30	.25	.27	.25	.25
Lard	Wh. lb.	.10		.11 <sup>1</sup> / <sub>2</sub>	.12 <sup>1</sup> / <sub>2</sub>	.13	.10	
Lard	Ret. lb.	.12	.14	.13	.13 <sup>1</sup> / <sub>2</sub>	.14	.14	.14
Bacon	Wh. lb.	.10		.10	.10	.13 <sup>1</sup> / <sub>2</sub>	.11	
Bacon	Ret. lb.	.12 <sup>1</sup> / <sub>2</sub>	.13 <sup>1</sup> / <sub>2</sub>	.12 <sup>1</sup> / <sub>2</sub>	.11 <sup>1</sup> / <sub>2</sub>	.14	.14	.15
Ham	Wh. lb.	.12 <sup>1</sup> / <sub>4</sub>		.11 <sup>1</sup> / <sub>2</sub>	.13	.14	.12	
Ham	Ret. lb.	.14	.14 <sup>1</sup> / <sub>2</sub>	.14	.14 <sup>1</sup> / <sub>2</sub>	.15	.15	.15
Butter	Wh. lb.	.25		.25	.21 <sup>1</sup> / <sub>4</sub>	.20	.25	
Butter	Ret. lb.	.30	.27 <sup>1</sup> / <sub>2</sub>	.30	.25	.22	.25	.27 <sup>1</sup> / <sub>2</sub>
Eggs	Case	6.00		5.75	6.00	5.00	6.00	5.87 <sup>1</sup> / <sub>2</sub>
Eggs	Dozen	.25	.28 <sup>1</sup> / <sub>4</sub>	.25	.25	.20	.25	.22 <sup>1</sup> / <sub>2</sub>
Potatoes	Per 100 lbs wh	1.00	.75	.50	1.00	.75	.75	1.35
Potatoes	Per 100 lbs ret	1.50	1.00	.60	1.37 <sup>1</sup> / <sub>2</sub>	1.00	1.00	1.50
Canned Vegetables, etc.	Case	2.85	3.12 <sup>1</sup> / <sub>2</sub>	2.20	2.87	3.75	2.50	3.25
Canned Vegetables, etc.	Can	.15	.17 <sup>1</sup> / <sub>2</sub>	.12 <sup>1</sup> / <sub>2</sub>	.14	.20	.13	.18
Canned Fruits	Case	4.25	4.87	3.75	5.00	4.50	4.00	5.00
Canned Fruits	Can	.20	.25	.20	.22 <sup>1</sup> / <sub>2</sub>	.25	.20 <sup>1</sup> / <sub>2</sub>	.25
Boiling Meats	Wh. lb.						.06	
Boiling Meats	Ret. lb.	.07 <sup>1</sup> / <sub>2</sub>	.09	.08	.06		.08	
Steaks	Wh. lb.						.10	
Steaks	Ret. lb.	.12 <sup>1</sup> / <sub>2</sub>	.13	.13 <sup>1</sup> / <sub>2</sub>	.12 <sup>1</sup> / <sub>2</sub>		.12 <sup>1</sup> / <sub>2</sub>	

Articles.	Quantity.	MISSOULA COUNTY.		PARK COUNTY.		RAVALLI COUNTY.	
		Missoula.	Frenchtown.	Livingston	Horr.	Hamilton.	Stevensville.
Flour: 1st Qual. Imp.	Per 100 lbs.	2.72		2.25		2.15	3.00
Flour: 1st Qual. Imp.	Per lb.	.03 <sup>1</sup> / <sub>4</sub>		.02 <sup>1</sup> / <sub>2</sub>		.03	.03 <sup>1</sup> / <sub>2</sub>
Flour: 1st Qual. Mont.	Per 100 lbs.	2.15		2.10		1.75	2.65
Flour: 1st Qual. Mont.	Per lb.	.02 <sup>1</sup> / <sub>3</sub>		.02 <sup>1</sup> / <sub>4</sub>		.02 <sup>1</sup> / <sub>4</sub>	.03
Flour: 2d Qual. Imp.	Per 100 lbs.	2.00					
Flour: 2d Qual. Imp.	Per lb.	.02 <sup>1</sup> / <sub>2</sub>					
Flour: 2d Qual. Mont.	Per 100 lbs.	1.30		1.60		1.55	1.65
Flour: 2d Qual. Mont.	Per lb.	.01 <sup>1</sup> / <sub>2</sub>		.01 <sup>1</sup> / <sub>4</sub>		.01 <sup>1</sup> / <sub>4</sub>	.02
Corn Meal	Per 100 lbs.	2.00		2.15		2.00	2.87
Corn Meal	Per lb.	.02 <sup>1</sup> / <sub>3</sub>		.03		.02 <sup>1</sup> / <sub>4</sub>	.04
Roll'd Oats	Per 100 lbs.	2.66		3.75		3.00	3.50
Roll'd Oats	Per lb.	.03 <sup>1</sup> / <sub>3</sub>		.06		.04 <sup>1</sup> / <sub>2</sub>	.05
Sugar	Per 100 lbs.	5.80		5.75		5.87	6.00
Sugar	Per lb.	.06 <sup>1</sup> / <sub>4</sub>		.07		.06 <sup>1</sup> / <sub>8</sub>	.06 <sup>1</sup> / <sub>2</sub>
Tea	Wh. lb.	.31		.33 <sup>1</sup> / <sub>3</sub>		.38	.40
Tea	Ret. lb.	.50		.50		.50	.47 <sup>1</sup> / <sub>2</sub>
Coffee	Wh. lb.	.22 <sup>1</sup> / <sub>2</sub>		.23		.22	.23
Coffee	Ret. lb.	.25		.25		.25	.25
Lard	Wh. lb.	.09 <sup>1</sup> / <sub>2</sub>				.10 <sup>1</sup> / <sub>2</sub>	.10
Lard	Ret. lb.	.12 <sup>1</sup> / <sub>2</sub>		.12 <sup>1</sup> / <sub>2</sub>		.12 <sup>1</sup> / <sub>2</sub>	.12 <sup>1</sup> / <sub>2</sub>
Bacon	Wh. lb.	.11				.09 <sup>1</sup> / <sub>4</sub>	.09
Bacon	Ret. lb.	.12 <sup>1</sup> / <sub>2</sub>		.10		.12	.12 <sup>1</sup> / <sub>2</sub>
Ham	Wh. lb.	.11		.13		.12	.11 <sup>1</sup> / <sub>2</sub>
Ham	Ret. lb.	.13		.14		.15	.15 <sup>1</sup> / <sub>2</sub>
Butter	Wh. lb.	.23				.15	.25
Butter	Ret. lb.	.28		.20		.30	.25
Eggs	Case	5.17		6.00		5.25	5.25
Eggs	Dozen	.22 <sup>1</sup> / <sub>3</sub>		.20		.17	.25
Potatoes	Per 100 lbs wh	.75		.75		.50	.40
Potatoes	Per 100 lbs ret	1.00		1.00		.70	.50
Canned Vegetables, etc.	Case	3.33		2.60		2.40	2.55
Canned Vegetables, etc.	Can	.14		.12		.12 <sup>1</sup> / <sub>2</sub>	.12 <sup>1</sup> / <sub>2</sub>
Canned Fruits	Case	3.75		3.50		3.66	4.50
Canned Fruits	Can	.21		.18		.20	.25
Boiling Meats	Wh. lb.					.06 <sup>1</sup> / <sub>2</sub>	.06 1-6
Boiling Meats	Ret. lb.	.06 <sup>1</sup> / <sub>2</sub>	.08	.08	.08	.07	.06 <sup>1</sup> / <sub>2</sub>
Steaks	Wh. lb.					.10	.09
Steaks	Ret. lb.	.12 <sup>1</sup> / <sub>2</sub>	.10	.10	.12 <sup>1</sup> / <sub>2</sub>	.11 <sup>1</sup> / <sub>4</sub>	.10

TABLE NO. 47—CONTINUED.

Articles.	Quantity.	SILVER BOW CO.		SWEET GRASS CO.	TETON CO.	VALLEY CO.	YELLOWSTONE CO.	
		Butte City.	Melrose.	Big Timber.	Choteau.	Glasgow.	Billings.	Columbus.
Flour: 1st Qual. Imp....	Per 100 lbs...	2.40	2.55	2.15	2.50	3.00	2.25	.....
Flour: 1st Qual. Imp....	Per lb.....	.03	.03 <sup>1</sup> / <sub>4</sub>	.02 <sup>1</sup> / <sub>2</sub>	.....	.03	.02 <sup>1</sup> / <sub>2</sub>	.....
Flour: 1st Qual. Mont....	Per 100 lbs...	2.02	2.50	2.05	2.40	.....	2.25	2.10
Flour: 1st Qual. Mont....	Per lb.....	.02 <sup>1</sup> / <sub>2</sub>	.03 <sup>1</sup> / <sub>4</sub>	.02 <sup>1</sup> / <sub>4</sub>	.....	.....	.02 <sup>1</sup> / <sub>2</sub>	.02 <sup>1</sup> / <sub>4</sub>
Flour: 2d Qual. Imp....	Per 100 lbs...	2.17	1.75	.....	2.25	2.75	.....	.....
Flour: 2d Qual. Imp....	Per lb.....	.02 <sup>1</sup> / <sub>2</sub>	.02 <sup>1</sup> / <sub>2</sub>	.....	.....	.02 <sup>1</sup> / <sub>4</sub>	.....	.02
Flour: 2d Qual. Mont....	Per 100 lbs...	1.50	1.50	1.35	2.15	.....	1.60	.....
Flour: 2d Qual. Mont....	Per lb.....	.02	.02 <sup>1</sup> / <sub>4</sub>	.01 <sup>3</sup> / <sub>4</sub>	.....	.....	.01 <sup>3</sup> / <sub>4</sub>	.....
Corn Meal.....	Per 100 lbs...	1.95	2.00	2.20	2.00	3.00	2.00	.....
Corn Meal.....	Per lb.....	.02 <sup>3</sup> / <sub>4</sub>	.02 <sup>3</sup> / <sub>4</sub>	.02 <sup>1</sup> / <sub>2</sub>	.02 <sup>1</sup> / <sub>2</sub>	.03	.02 <sup>1</sup> / <sub>2</sub>	.....
Rollod Oats.....	Per 100 lbs...	2.25	2.75	3.00	3.00	4.50	4.50	.....
Rollod Oats.....	Per lb.....	.03 <sup>1</sup> / <sub>4</sub>	.05	.04	.03 <sup>1</sup> / <sub>2</sub>	.05	.05	.....
Sugar.....	Per 100 lbs...	5.75	5.85	5.60	6.00	6.00	5.50	6.50
Sugar.....	Per lb.....	.06	.06 <sup>1</sup> / <sub>4</sub>	.06	.06 <sup>1</sup> / <sub>2</sub>	.06	.05 <sup>3</sup> / <sub>4</sub>	.07 <sup>1</sup> / <sub>2</sub>
Tea.....	Wh. lb.....	.18-.50	.30	.30-.40	.40	.....	.40-.65	.....
Tea.....	Ret. lb.....	.30-1.00	.50	.45-.65	.45	.40	.50-.75	.....
Coffee.....	Wh. lb.....	.25 <sup>1</sup> / <sub>2</sub>	.22	.22 <sup>1</sup> / <sub>2</sub>	.22 <sup>1</sup> / <sub>2</sub>	.25	.22 <sup>1</sup> / <sub>2</sub>	.22
Coffee.....	Ret. lb.....	.27	.25	.25	.25	.27	.25	.25
Lard.....	Wh. lb.....	.08 <sup>1</sup> / <sub>4</sub>	.09 <sup>1</sup> / <sub>2</sub>	.10 <sup>1</sup> / <sub>2</sub>	.11	.....	.10 <sup>1</sup> / <sub>2</sub>	.....
Lard.....	Ret. lb.....	.11	.12 <sup>1</sup> / <sub>2</sub>	.13	.12	.10	.12 <sup>1</sup> / <sub>2</sub>	.....
Bacon.....	Wh. lb.....	.09	.09	.10	.10	.....	.09 <sup>1</sup> / <sub>4</sub>	.....
Bacon.....	Ret. lb.....	.11	.12 <sup>1</sup> / <sub>2</sub>	.12	.11	.10	.10 <sup>1</sup> / <sub>4</sub>	.....
Ham.....	Wh. lb.....	.10	.10 <sup>1</sup> / <sub>2</sub>	.11	.12	.....	.11	.....
Ham.....	Ret. lb.....	.11 <sup>1</sup> / <sub>2</sub>	.14	.13	.13	.12 <sup>1</sup> / <sub>2</sub>	.13 <sup>1</sup> / <sub>2</sub>	.....
Butter.....	Wh. lb.....	.23	.20	.25	.25	.....	.18	.18
Butter.....	Ret. lb.....	.28	.30	.25	.30	.25	.20	.20
Eggs.....	Case.....	4.70	4.25	6.00	6.00	.....	4.50	5.20
Eggs.....	Dozen.....	.30	.30	.30	.30	.20	.30	.30
Potatoes.....	Per 100 lbs wh	.85	.....	.60	1.00	1.00	.75	.75
Potatoes.....	Per 100 lbs ret	1.15	.....	1.00	1.50	1.25	1.00	1.00
Canned Vegetables, etc.	Case.....	2.50	2.25	2.25	2.75	.....	2.25	.....
Canned Vegetables, etc.	Can.....	.15	.15	.12	.12 <sup>1</sup> / <sub>2</sub>	.12	.12 <sup>1</sup> / <sub>2</sub>	.....
Canned Fruits.....	Case.....	3.50	3.40	4.25	4.00	.....	4.00	.....
Canned Fruits.....	Can.....	.18 <sup>1</sup> / <sub>4</sub>	.19	.20	.20	.20	.20	.....
Boiling Meats.....	Wh. lb.....	.....	.....	.....	.05 <sup>1</sup> / <sub>2</sub>	.06 <sup>1</sup> / <sub>2</sub>	.05 <sup>1</sup> / <sub>2</sub>	.....
Boiling Meats.....	Ret. lb.....	.05	.....	.....	.06	.08	.06	.....
Steaks.....	Wh. lb.....	.....	.....	.....	.09 <sup>1</sup> / <sub>2</sub>	.08	.08	.....
Steaks.....	Ret. lb.....	.12	.....	.....	.11 <sup>1</sup> / <sub>2</sub>	.11	.10	.....

## Cattle, Sheep and Wool Industries.

### MONTANA CATTLE, 1895.

The year 1895 was a favorable one for the Cattle industry, there having been, as shown by the report of the Montana Board of Stock Commissioners, 246,460 head shipped to eastern markets, where, as will be seen from tables following, the yearly average price for good to choice native steers weighing from 1,200 to 1,500 pounds was higher than for the best of the preceding five years although prices dropped low late in the season. Beside these about 60,000 head were slaughtered for home markets. The aggregate value of these 306,460 head, at \$36.00 per head, the estimated average value computed by the Board of Stock Commissioners, was \$11,032,560, the largest amount ever received for Montana cattle in one year. Green Preuitt, Esq., Secretary of the above board, states in the Annual Report, "In many respects the year 1895 was a remarkable one in the history of the stock industry. During the early part of the season the cry went up all over our land that there was an immense shortage of beef cattle and that the demand would far exceed the supply, the result being that the markets were higher than for some years; but as the season advanced and the west poured its cattle into the great markets, there was a total collapse: and, whereas the season opened with extremely high prices, the end was marked with as low a market as has been known for many years. The stockmen who made early shipments were extremely fortunate in securing unusually good prices, but the later shipments, especially the very late ones, fared worse than in previous years, as a rule. The early spring promised a very discouraging season on account of short feed and scarcity of water, but the late spring rains were effectual in producing feed and water, and as the cattle took on flesh very rapidly, they averaged up in better condition than usual, a large number of Montana cattle being considered good enough for the export trade." State Veterinarian Bird estimates the number of cattle brought to Montana at about 70,000 head.

Herewith appears the record and estimates by the State Board of Stock Commissioners, the most reliable authority in the state on the subjects covered. The number reported "inspected" in 1894 and 1895 includes the number shipped out of the state to market.

In reporting for 1894 many stock farmers were despondent on account of the great destruction of calves and colts by wild animals, especially wolves, and a number of large owners stated unless these losses could be diminished they would have to discontinue breeding cattle. The Fourth Legislative Assembly placed a bounty of \$3 each on wolves and coyotes and already the destruction of these animals has been so great that losses are materially decreased and it is believed the evil will be practically abated. A table presented herein, made up from reports to the Bureau by county clerks and recorders, shows that for the six months ended December 31, 1895, there were bounty certificates issued for 2,978 wolves and 11,245 coyotes, mostly killed in principal stock-growing counties, and as poison is largely used doubtless many are killed the pelts of which are never recovered.

### INSPECTION OF MONTANA CATTLE FOR MARKET.

(As reported by W. G. Preuitt, Esq., Secretary Board of Stock Commissioners.)

Years.	Number Inspected.	Number of Strays Recovered.	Amount Received for Estrays.	Estimated Value at \$35.00 Each.	Number of Arrests.	Number of Inspectors.
1885.....	79,089	1,035	\$1,119	\$36,325	19	8
1886.....	119,630	1,730	9,699	60,550	43	9
1887.....	82,134	3,160	15,825	110,600	13	8
1888.....	167,602	3,700	39,337	132,750	6	5
1889.....	123,880	3,424	38,411	119,840	20	5
1890.....	174,035	3,991	29,639	139,685	21	9
1891.....	250,000	13,746	181,832	481,110	14	10
1892.....	208,000	11,110	214,648	388,850	7	13
1893.....	222,158	17,565	148,776	526,950	13	14
1894.....	302,655	19,855	150,900	694,925	23	12
1895.....	306,460	24,245	179,721	872,820	29	16

a Rated at \$30 per head; b Rated at \$36 per head.

## ESTIMATED NET VALUE OF MONTANA CATTLE MARKETED AND CONSUMED 1891-5.

Years.	Number Shipped to Eastern Markets.	No. Killed for Home Markets and Indian Agencies.	a, Average net value per Head.	Total Net Value.
1891 .....	225,000	50,000	\$40 00	\$11,000,000
1892 .....	203,000	60,000	35 00	9,305,000
1893 .....	222,158	57,000	30 90	8,625,982
1894 .....	242,655	60,000	35 00	10,592,925
1895 .....	246,460	60,000	36 00	11,032,560
Totals.....	1,189,273	287,000	\$35 38	\$50,456,467

a The average cost of freight and marketing, \$7.50 per head is excluded in computing these values.

**TABLE NO. 48—MONTHLY RANGE OF PRICES PAID IN THE CHICAGO CATTLE MARKET FOR GOOD TO CHOICE NATIVE STEERS OF 1,200 TO 1,500 POUNDS AVERAGES, DURING EACH MONTH AND YEAR FROM JANUARY 1890 TO DECEMBER 31, 1895, INCLUSIVE.**

(Prepared by Messrs. Horine Brothers & Co., Union Stock Yards, Chicago, for U. S. Bureau of Statistics, and for this Bureau.)

Month.	1890		1891.		1892.	
	1,200 to 1,350 pounds.	1,350 to 1,500 pounds.	1,250 to 1,350 pounds.	1,350 to 1,500 pounds.	1,250 to 1,350 pounds.	1,350 to 1,500 pounds.
January .....	\$2 85 to 4 85	\$3 45 to 5 25	\$3 58 to 4 89	\$4 13 to 5 26	\$3 00 to 4 75	\$3 45 to 5 50
February .....	3 10 4 60	3 30 5 25	3 58 5 01	4 34 5 28	3 00 4 60	3 65 5 00
March .....	3 30 4 80	3 70 5 10	4 23 5 36	4 74 5 46	3 45 4 70	3 65 5 00
April .....	3 55 4 85	3 85 5 30	4 50 5 72	4 96 5 91	3 30 4 75	3 50 4 85
May .....	3 85 5 00	4 15 5 25	4 88 5 96	5 40 6 14	3 65 4 50	3 85 4 85
June .....	3 50 5 00	3 75 5 00	4 63 5 95	5 34 6 13	3 50 4 75	3 70 5 00
July .....	3 50 4 65	3 70 5 00	4 19 5 80	5 01 5 99	3 45 5 85	3 85 6 10
August .....	2 85 5 00	3 25 5 25	3 11 5 60	3 93 5 90	3 10 5 25	4 00 5 50
September .....	3 00 5 10	4 00 5 37	3 23 5 71	3 90 5 93	2 85 5 20	3 40 5 50
October .....	2 75 5 00	3 30 5 25	2 91 5 28	3 56 5 91	2 85 5 35	3 25 5 75
November .....	2 75 5 00	3 25 5 25	2 88 5 10	3 23 5 55	3 00 5 35	3 35 5 85
December .....	2 80 5 00	3 45 5 60	3 14 4 91	3 47 5 33	3 00 5 80	3 35 6 35
Yearly Range...	2 75 to 5 10	3 25 to 5 60	2 88 to 5 96	3 23 to 6 14	2 85 to 5 85	3 25 to 6 35
Yearly Averages	4 02½	4 42½	4 42	4 68½	4 12½	4 51
Yearly Average.	4 22½		4 55¼		4 32	

Month.	1893.		1894.		1895.	
	1,250 to 1,350 pounds.	1,350 to 1,500 pounds.	1,250 to 1,350 pounds.	1,350 to 1,500 pounds.	1,300 to 1,350 pounds.	1,350 to 1,500 pounds.
January .....	\$3 35 to 5 65	\$3 90 to 6 00	\$3 00 to 5 10	\$3 15 to 5 60	\$3 15 to 5 30	\$3 50 to 5 45
February .....	4 00 5 60	4 40 6 05	2 90 4 75	3 10 4 85	3 25 5 65	3 70 5 75
March .....	3 95 5 65	4 30 6 00	2 90 4 65	3 15 4 90	4 00 6 25	4 45 6 40
April .....	4 15 5 50	4 40 6 00	3 05 4 85	3 30 4 85	4 25 6 25	5 00 6 30
May .....	4 00 5 80	4 25 5 95	3 40 4 60	3 60 4 90	4 20 6 00	4 40 6 25
June .....	3 90 5 45	4 10 6 00	3 35 5 05	3 75 5 10	3 70 5 85	4 10 6 00
July .....	3 25 5 35	3 50 5 40	3 00 4 90	3 60 5 05	3 45 5 75	4 00 5 90
August .....	3 00 5 05	3 35 5 25	2 90 5 40	3 41 5 75	3 75 5 80	4 00 5 95
September .....	2 90 5 25	3 10 5 50	3 20 6 30	3 85 6 40	3 60 5 75	3 85 6 00
October .....	3 00 5 70	3 50 5 80	3 00 6 10	3 60 6 35	3 20 5 50	3 50 5 50
November .....	3 00 5 50	3 20 5 90	3 00 6 00	3 30 6 25	3 00 4 90	3 35 4 90
December .....	3 10 5 70	3 50 6 00	3 10 6 30	3 40 6 40	3 00 5 00	3 20 5 25
Yearly Range...	2 90 to 5 80	3 10 to 6 05	2 90 to 6 30	3 10 to 6 40	3 00 to 6 25	3 20 to 6 40
Yearly Averages	4 49	4 81	4 20	4 48	4 60	4 86
Yearly Average.	4 65		4 34		4 73	

NOTE—Messrs. Horine Brothers & Co. states that "the above table was compiled from the reports of actual sales upon the Chicago market published in the 'Daily Drivers Journal,' the leading Live Stock Market paper of that city. Also, that the figures given represent the highest and lowest prices paid in the ordinary range of sales during each month and year, for the two leading classes of beef cattle sold on that market, as the best index to the general cattle market. Extraordinary prices obtained because of unusual extremes in quality, are avoided, the object being to present a fair and truthful statement showing by comparison the drift of the ordinary market from month to month and from year to year."

**TABLE NO. 49**—SHOWING BY PRINCIPAL STOCK RAISING COUNTIES, ESTIMATED LOSSES OF STOCK EXPRESSED IN PER CENTAGES, BY WILD ANIMALS AND WINTER PERISHING FOR YEAR ENDED JUNE 30, 1895, AS REPORTED BY STOCK GROWERS.\*

Tracing Number.....	COUNTIES.	HORSES.			COLTS.			CATTLE.		
		Killed by Wild Animals.....	Winter Perished, year ended June 30, 1895.	Estimated AV. Perishing loss for all winters	Killed by Wild Animals.....	Winter Perished, year ended June 30, 1895.	Estimated AV. Perishing loss for all winters	Killed by Wild Animals.....	Winter Perished, year ended June 30, 1895.	Estimated AV. Perishing loss for all winters
		Per Ct.	Per Ct.	Per Ct.	Per Ct.	Per Ct.	Per Ct.	Per Ct.	Per Ct.	Per Ct.
1	Beaverhead.....	2 00	3 34	3 00	2 00	3 44	3 86	2 92	1 77	3 65
2	Carbon.....	4 60	4 32	4 32				2 96	3 13	2 78
3	Cascade.....	5 39	2 20	3 50	10 00			4 23	5 87	5 06
4	Choteau.....	2 00	3 00	4 00				2 61	4 63	6 18
5	Custer.....	4 48	2 20	2 86	17 56	2 69	3 00	6 98	6 55	5 68
6	Dawson.....							4 24	6 25	6 57
7	Fergus.....	2 52			6 57				3 88	
8	Lewis and Clarke.....	2 00	2 08	2 00	2 25	2 25	3 00	5 40	4 50	4 47
9	Madison.....	3 00	1 18		6 03			5 00		2 59
10	Meagher.....	2 74	2 37	2 85	3 83	3 40	5 00	2 21	3 59	2 93
11	Sweet Grass.....									
12	Teton.....	4 01						3 14		
13	Valley.....	2 00	3 00	3 00				5 00	7 12	7 12
14	Yellowstone.....							5 93	5 51	5 34
	Average of all.....	3 60	2 64	2 71	7 48	2 92	3 35	4 95	5 55	5 46

Tracing Number.....	COUNTIES.	CALVES.			SHEEP.			LAMBS.		
		Killed by Wild Animals.....	Winter Perished, year ended June 30, 1895.	Estimated AV. Perishing loss for all winters	Killed by Wild Animals.....	Winter Perished, year ended June 30, 1895.	Estimated AV. Perishing loss for all winters	Killed by Wild Animals.....	Winter Perished, year ended June 30, 1895.	Estimated AV. Perishing loss for all winters
		Per Ct.	Per Ct.	Per Ct.	Per Ct.	Per Ct.	Per Ct.	Per Ct.	Per Ct.	Per Ct.
1	Beaverhead.....	2 90	3 68	4 43	2 31	2 37	2 86	3 29	4 46	5 07
2	Carbon.....	3 79	3 52	3 00	1 00	1 00			2 00	2 00
3	Cascade.....	10 49	6 68	2 78	1 69	2 33	1 89	1 59	2 22	3 47
4	Choteau.....	11 87	6 70	2 75	2 04	1 55	1 61	3 37	2 10	2 33
5	Custer.....	21 25	2 01	1 72	4 13	3 00	3 14	3 28	3 12	3 50
6	Dawson.....	19 18	12 21	12 21	5 00	3 45	4 00		5 00	
7	Fergus.....	19 09	9 06	2 90	1 48	2 49	3 20	1 06	3 39	3 77
8	Lewis and Clarke.....				2 11	2 86	1 94	2 65	3 48	2 86
9	Madison.....	5 60	2 95	2 92	1 00	2 84	2 50	1 00	2 21	3 00
10	Meagher.....	4 87	4 32	5 14	1 88	2 69	2 33	2 49	2 74	2 39
11	Sweet Grass.....				2 38	2 58	2 33	3 20	2 21	2 46
12	Teton.....				1 07	1 65	1 11	1 70	2 05	2 17
13	Valley.....				1 03	3 96	3 96	1 18	3 45	3 45
14	Yellowstone.....	13 55	7 58	8 23	2 25	1 89	1 82	4 39	3 25	4 54
	Average of all.....	13 74	7 56	8 04	1 97	2 41	2 36	2 34	2 84	2 98

\* The reports and estimates in this Table were received from owners in the several Counties of 6,860 head of horses; 1,469 colts; 115,434 head of cattle; 18,058 calves; 581,650 head of sheep and 125,588 lambs. While, therefore, not purporting to be exact it is believed to be approximately so. Owners of range stock are not as a rule able to give exact figures of these losses, so that, even if reports were received from all owners, it would still remain a matter of estimate.



**TABLE NO. 50**—BOUNTY CERTIFICATES ISSUED BY THE SEVERAL COUNTIES FOR THE DESTRUCTION OF WILD ANIMALS, FOR SIX MONTHS ENDED DECEMBER 31, 1895, UNDER SECTIONS 3070, 3071 AND 3072 OF THE POLITICAL CODE OF MONTANA—AS REPORTED BY COUNTY RECORDERS.

Counties.	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			Total Amount of Bounty Certificates issued.	
	Wolves. ...	Coyotes ...	Amount of Bounty at \$3 each.	Wolves. ...	Coyotes ...	Amount of Bounty at \$3 each.	Wolves. ...	Coyotes ...	Amount of Bounty at \$3 each.	Wolves. ...	Coyotes ...	Amount of Bounty at \$3 each.	Wolves. ...	Coyotes ...	Amount of Bounty at \$3 each.	Wolves. ...	Coyotes ...	Amount of Bounty at \$3 each.		
Beaverhead	No.	No.	\$	No.	No.	\$	No.	No.	\$	No.	No.	\$	No.	No.	\$	No.	No.	\$	\$	
Carbon	12	26	78	9	14	27	13	39	126	52	156	468	147	441	1,323	87	261	783	1,002	
Cascade	11	57	204	4	12	36	6	18	54	4	12	36	4	12	36	24	72	216	834	
Choteau	346	844	3,570	92	253	1,035	79	198	831	121	299	1,300	106	400	1,698	100	527	1,881	10,275	
Custer	136	433	1,677	95	189	852	124	172	888	167	583	2,350	70	380	1,050	94	386	1,440	8,157	
Dawson	66	67	339	21	56	231	19	16	105	41	53	282	33	174	621	9	57	198	1,836	
Deer Lodge	20	60	240	13	39	156	3	9	27	6	18	54	33	99	396	16	48	144	243	
Fergus	179	198	1,131	46	90	408	54	108	486	48	197	735	97	381	1,434	42	212	762	4,956	
Flathead	7	17	54	4	12	36	31	93	339	12	36	108	27	81	273	1	39	117	414	
Gallatin	18	54	216	18	54	216	6	18	54	9	27	81	27	81	273	1	19	57	60	
Granite	9	27	108	3	9	27	4	12	36	4	12	36	16	48	192	4	12	36	135	
Jefferson	8	24	96	14	42	156	1	3	9	8	24	84	37	111	423	23	69	207	348	
Lewis & Clark	22	29	153	14	19	99	2	15	51	1	3	9	2	17	51	4	22	78	465	
Madison	46	138	552	5	15	45	3	9	27	17	51	156	18	54	216	51	153	552	420	
Meagher	6	27	99	5	6	33	9	27	9	30	117	8	84	276	11	74	255	807		
Missoula	48	144	576	1	20	60	5	15	45	17	51	156	53	159	587	47	141	441	573	
Park	36	108	432	1	13	39	13	39	1	12	36	1	32	96	36	108	432	435		
Ravalli	4	12	48	8	24	96	1	3	9	23	69	19	57	216	4	12	36	177	243	
Sweet Grass	13	47	180	8	14	66	1	21	66	18	54	5	42	141	4	63	201	708	45	
Silver Bow	1	3	9	1	3	9	1	3	9	1	3	9	1	3	9	1	3	9	45	45
Teton	65	193	774	15	36	156	6	87	279	9	50	177	21	62	249	15	32	141	1,773	
*Valley (est)	52	88	420	39	41	240	48	126	522	105	245	1,050	51	122	519	45	209	762	4,173	
Yellowstone	52	88	420	39	41	240	48	126	522	105	245	1,050	51	122	519	45	209	762	3,513	
Total	895	2231	9,378	348	867	3,645	342	943	3,855	518	1818	7,008	410	2098	7,524	465	3288	11,259	42,669	

Total Certificates issued in 6 months: Wolves, 2,978; Coyotes, 11,245. Total of both, 14,223.

\* The record having been kept continuously from March 1, 1895, and not in monthly accounts, the number and amount here given for Valley county is six-tenths of the totals reported by the County Clerk and Recorder.

**TABLE NO. 51**—COMPARATIVE STATEMENT OF NUMBERS AND ASSESSED VALUE OF HORSES, CATTLE, SHEEP AND HOGS IN STATE, YEARS 1892 TO 1895.

Years.	HORSES—ALL GRADES.			CATTLE—ALL GRADES.		
	Number of Head.	Value as Equalized.	Ave. Value per Head.	Number of Head.	Value as Equalized.	Ave. Value per Head.
1892	Number.	Dollars.	Dollars.	Number.	Dollars.	Dollars.
1892	170,720	4,767,372	28 51	702,372	10,760,012	15 32
1893	184,197	5,088,752	22 20	770,984	12,323,461	15 98
1894	184,633	3,597,867	19 54	673,467	10,343,121	15 36
1895	191,388	3,297,301	17 23	673,212	11,940,623	17 74

Years.	SHEEP.			HOGS.		
	Number of Head.	Value as Equalized.	Ave. Value per Head.	Number of Head.	Value as Equalized.	Ave. Value per Head.
1892	Number.	Dollars.	Dollars.	Number.	Dollars.	Dollars.
1892	1,884,086	5,068,931	2 71	7,034	30,831	4 38
1893	2,254,527	5,980,316	2 65	9,914	59,994	6 05
1894	2,388,875	3,388,421	1 47	12,596	62,066	4 93
1895	2,606,102	4,100,303	1 57	20,627	100,938	4 92

**TABLE NO. 52**—ASSESSED STOCK IN MONTANA, 1895, SHOWING NUMBER, VALUE AS EQUALIZED AND AVERAGE VALUE PER HEAD.

From Report of State Board of Equalization.

COUNTY.	HORSES—All grades.			CATTLE—All grades.			SHEEP—All grades.			HOGS.		
	No. of Head...	Value as Equalized.....	Av. Value per head.....	No. of Head...	Value as Equalized.....	Av. Value per head.....	No. of Head...	Value as Equalized.....	Av. Value per head.....	No. of Head...	Value as Equalized.....	Av. Value per head.....
Beaverhead.....	No. 10,772	Dols. 128,970	Dols. 11 97	No. 33,534	Dols. 557,531	Dols. 16 63	No. 83,968	Dols. 167,936	Dols. 2 00	No. 547	Dols. 2,335	Dols. 4 26
Carbon.....	5,803	99,215	17 09	11,682	200,593	17 17	104,258	171,530	1 65	418	2,370	5 66
Cascade.....	9,385	154,691	16 48	26,506	454,143	17 13	145,665	218,498	1 50	1,428	7,142	5 00
Choteau.....	10,302	154,521	15 01	78,900	1,342,367	17 01	330,256	480,384	1 50	318	1,514	4 75
Custer.....	28,456	391,476	13 75	166,829	3,293,080	19 74	224,943	347,167	1 54	148	885	5 98
Dawson.....	7,104	143,029	20 13	55,922	968,606	17 32	132,633	232,106	1 75	59	295	5 00
Deer Lodge.....	8,888	137,766	15 50	16,122	275,434	17 08	43,294	65,013	1 50	632	3,212	4 92
Fergus.....	15,487	306,695	19 80	61,475	1,043,658	16 97	472,464	711,085	1 50	523	2,875	5 50
Flathead.....	3,073	62,507	20 33	3,761	68,195	18 13	116	175	1 50	1,739	7,314	4 20
Gallatin.....	11,413	226,687	19 77	16,306	279,376	17 13	22,440	33,761	1 50	2,978	12,966	4 35
Granite.....	3,864	73,510	19 02	7,172	127,891	17 83	6,051	9,127	1 50	418	2,090	5 00
Jefferson.....	8,615	165,650	19 22	14,356	242,626	16 90	7,147	15,447	2 16	709	3,264	4 60
Lewis and Clarke.....	5,950	143,864	24 11	15,684	266,945	17 02	39,400	59,100	1 50	196	696	3 46
Madison.....	16,658	258,335	15 50	25,485	432,096	16 97	37,333	56,050	1 50	1,418	7,600	5 36
Meagher.....	12,610	168,155	13 30	26,504	418,825	16 93	270,686	421,030	1 55	813	4,055	4 98
Missoula.....	3,562	98,714	27 71	4,900	83,745	17 09	2,282	3,463	1 50	1,431	7,080	4 95
Park.....	4,743	89,965	18 96	9,820	167,385	17 04	47,787	82,744	1 73	732	3,510	4 79
Ravalli.....	4,999	139,251	27 85	8,363	142,405	17 02	22,847	34,270	1 50	4,876	24,554	5 03
Silver Bow.....	3,461	96,980	28 02	3,840	89,180	23 20	2,700	4,550	1 50	275	1,480	5 40
Sweet Grass.....	3,907	61,831	15 82	8,739	159,912	18 29	207,682	363,454	1 75	268	1,705	6 32
Teton.....	2,356	24,210	10 27	32,385	539,247	16 65	199,791	299,686	1 50	210	1,202	5 72
Valley.....	2,244	51,309	22 82	24,666	420,015	17 03	50,855	76,981	1 50	8	40	5 00
Yellowstone.....	7,736	130,070	15 52	20,261	337,368	16 65	160,504	246,736	1 50	364	2,784	7 64
Totals.....	191,388	3,297,301	17 23	673,212	11,940,623	17 74	2,605,102	4,100,303	1 57	20,527	100,938	4 92

#### WOOL AND SHEEP, 1895.

The number of Sheep assessed in Montana in 1895 was 2,605,102, an increase of 316,227 head over the number assessed in 1894. It has been customary to add to this assessed number for purposes of computation, about 9 per cent. of shearing sheep as having escaped assessment, which would bring the number of Sheep in the state up to 2,865,612; but it would seem the assessments were more than usually close in 1895 and that five per cent would be a fair allowance to add, making the total number of shearing sheep 2,735,357. The average weight per clip as reported to this Bureau by growers of 5,456,194 pounds of wool was 7.07 pounds, an increase of .09 over the clip of 1894. At this average the wool clip of Montana for 1895 was 19,338,973 pounds, an increase of 2,306,139 over the clip of 1894. The estimates made by the National Association of Wool Manufacturers do not differ materially from the above.

The average price per pound paid at shearing points by purchasers of 11,988,809 pounds of wool in 1895 is reported at 10.48 per pound; and by sellers of 5,456,194 pounds as averaging at shipping points 10.17 cents per pound. Averaging these at 10½ cents for the wool clip of the state, the proceeds from the wool clip for 1895 aggregated \$1,997,716. Some portions of the above clip, although a much less quantity than usual, was shipped east on consignment, and is computed in as if sold at average rate. The presence of number of buyers at principal shipping points in the state during the purchasing season was gratifying to growers, and relieved them of what were grievous conditions under the consignment and commission system.

The year of 1895 was better than that of 1894 for mutton sheep and yet not a good year in the Chicago market. The feed was favorable and made good flesh, but by the time Montana shipments reached the market prices had dropped from the higher rates prevailing earlier, the market was glutted and prices obtained were but little better than in 1894. Sheep not being subject to the same rules adopted for cattle by the Board of Stock Commissioners it is not practicable to get exact figures, and estimates as made from railroad shipments and market receipts vary somewhat. Clay, Robinson & Co., Chicago, estimate 400,000 head of Montana fed and grassers were marketed in that city in 1895 but the railroad shipments obtainable do not indicate so large a number—probably about 280,000 head for the year. The estimated numbers slaughtered in the state for market was 40,000 head, and the average price \$2.00. At a net return of \$1.80 per head for those marketed in Chicago, the mutton crop of the state for 1895 aggregated \$584,000.

## PRICES OF MUTTON SHEEP IN CHICAGO, 1895.

From Daily Drivers Journal.

PRICES OF WESTERNS.			PRICES OF NATIVES AND LAMBS.		
Months.	Western Sheep	Bulk of Westerns.	Native Sheep.	Bulk of Sales	Lambs.
January .....	\$2.75@3.90	\$3.00@3.75	\$1.40@4.25	\$2.50@3.75	\$1.75@5.00
February .....	2.60 4.60	3.50 4.40	1.25 4.75	3.40 4.40	2.50 5.65
March .....	3.65 4.87	4.00 4.60	1.25 5.00	3.50 4.75	2.50 6.10
April .....	3.75 5.00	3.50 4.70	1.15 5.25	3.40 4.75	3.50 6.10
May .....	2.25 5.35	3.60 4.75	1.60 5.50	3.40 4.80	3.00 6.35
June .....	1.50 4.40	2.00 3.60	1.75 4.60	2.75 3.80	2.25 6.25
July .....	1.75 4.15	2.00 3.75	1.25 4.75	2.50 3.75	2.75 6.10
August .....	2.00 3.70	2.25 3.45	1.10 4.25	2.40 3.50	2.75 5.65
September .....	1.35 3.50	2.50 3.35	1.20 4.00	2.40 3.40	2.00 5.00
October .....	1.75 3.75	2.00 3.30	1.00 4.00	2.00 3.40	1.90 4.85
November .....	1.90 3.30	2.40 3.00	1.00 5.50	2.00 3.20	2.00 4.60
December .....	2.50 3.35	2.75 3.10	1.25 4.35	2.50 3.00	2.25 4.75
1895 .....	1.35 5.35	2.00 4.75	.75 5.50	2.00 4.08	1.75 6.35
1894 .....	1.10 5.40	1.75 4.50	.60 5.40	1.50 5.00	1.00 6.00
1893 .....	1.25 6.45	2.50 5.25	.75 6.75	2.25 6.00	2.25 7.55

TABLE NO. 53—AVERAGE PRICE OF MONTANA WOOL IN BOSTON, 1894 AND 1895.

Prepared for Bureau of Agriculture, Labor and Industry by Fenno Bros. &amp; Childs, from actual sales in Boston.

Months.	Fine Grease.		Medium Grease		Coarse Grease		Fine Scoured		Medium Scoured.		Coarse Scoured	
	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895	1894	1895
January .....	cts. 9-10	cts. 8-9	cts. 10-13	cts. 10-11	cts. 13-14	cts. 12-13	cts. 35-38	cts. 32-33	cts. 33-35	cts. 31-33	cts. 30-32	cts. 28-29
February .....	7-10	8-9	10-12	9-11	13-14	12-13	35-37	31-33	33-35	30-32	30-32	28-29
March .....	9-10	7-8	10-13½	9-10	13-14	11-12	35-37	31-32	33-36	29-30	30-32	27-28
April .....	8-10	7-8	10-12	8-10	13-14	10-11	34-35	30-31	34-35	28-30	30	26-27
May .....	8-10	7-8	10-13	8-10	13-14	10-11	33-35	30-32	32-35	27-30	30-32	25-27
June .....	8-10	8-9	10-13	9-12	12-13	12-14	33-35	32-34	32-35	30-33	30	28-29
July .....	8-10	9-10	9-13	12-13	12-13	13-15	33-38	34-36	30-37	33-35	28-32	30-34
August .....	9-11	9	10-13	12	12-14	14	35-40	34-35	32-35	33-34	30-33	30-32
September .....	8-10	9	10-13	12	13-14	14	34-35	34-35	32-36	33-34	30-32	30-32
October .....	7-10	9-10	10-12	12-13	12-13	14	34-35	34-35	32-35	33-35	30-31	30-32
November .....	9-10	9-10	12-13	12-13	12-13	14	34-36	34-36	32-35	33-35	30-32	30-32
December .....	9-10	9-10	12-14	12-14	12-15	14	34-38	34-38	32-36	33-36	30-32	30-32

Montana Wools grade generally to medium—that is the large proportion of the wool—Montana Sheep growers having an eye to Mutton as well as wool, and hence breed to a good sized variety of Sheep. Therefore probably four-fifths of the Montana clip is what we call "fine medium" wool. F. B. & Co.

TABLE NO. 54—SHEEP IN UNITED STATES AND WOOL CLIP 1894—1895.

From Bulletins of National Association of Wool Manufacturers.

States and Territories.	1894				1895			
	No. Sheep April 1, 1894	Average weight of fleece, lbs.	Wool Washed and Unwashed.	Shrinkage	No. of Sheep April 1, 1895	Average weight of fleece, lbs.	Wool, washed and unwashed pounds	Scoured Wool, Pounds
Maine .....	314,840	6	1,889,040	43	276,186	6	1,657,116	944,556
New Hampshire .....	109,813	7	768,691	58	102,834	7½	719,838	302,332
Vermont .....	271,485	7½	2,036,138	60	218,995	7½	1,632,462	652,985
Massachusetts .....	50,618	6	303,708	45	42,173	6	253,038	139,171
Rhode Island .....	10,704	6	64,224	43	10,918	6	65,508	37,340
Connecticut .....	38,692	6	232,152	44	35,923	6	215,538	120,701
New York .....	1,349,186	6½	8,432,413	53	1,041,732	6	6,250,392	3,000,188
New Jersey .....	54,980	5	274,900	48	49,091	5	245,455	127,437
Pennsylvania .....	1,444,024	6	8,664,144	53	1,072,703	5½	5,899,867	2,772,937
Delaware .....	12,525	5½	68,888	46	12,873	5½	70,801	38,233
Maryland .....	139,919	5	699,595	48	132,233	5	661,165	343,806
Virginia .....	472,314	5	2,361,570	43	390,491	5	1,952,455	1,112,899
North Carolina .....	360,504	5	1,802,520	49	332,469	5	1,662,320	847,783

TABLE NO. 54—CONTINUED.

States and Territories.	1894				1895				
	No. Sheep April 1, 1894.....	Average weight of fleece.....	Wool washed and Unwashed	Shrinkage.....	No. of sheep April 1, 1895...	Average weight of fleece.....	Wool washed and unwashed Pounds.....	Per cent of shrinkage.....	Soured wool Pounds.....
	Number.	lbs.	Pounds.	Pr ct.					
South Carolina.....	75,405	5	377,025	45	72,427	5	362,135	45	199,174
Georgia.....	393,900	4½	1,772,550	42	332,028	4½	1,494,136	42	866,592
Florida.....	107,805	5	539,025	43	97,131	5	485,655	43	276,823
Alabama.....	329,735	4½	1,483,808	45	278,951	4½	1,255,280	43	715,510
Mississippi.....	390,488	5	1,952,440	53	332,659	5	1,663,295	53	581,749
Louisiana.....	175,244	5	876,220	48	126,194	5	630,970	48	328,104
Texas.....	3,619,870	6½	23,529,155	70	3,487,663	6½	22,669,869	70	6,800,943
Arkansas.....	215,068	6	1,290,418	60	199,801	6	1,198,806	60	479,522
Tennessee.....	488,064	5	2,440,320	48	451,811	4½	2,083,150	48	1,057,238
West Virginia.....	732,780	5½	4,080,290	47	572,617	5½	2,149,393	47	1,139,178
Kentucky.....	1,107,269	5½	6,089,980	40	956,784	5½	5,272,312	40	3,163,387
Ohio.....	3,652,733	5½	20,090,031	52	3,369,929	5½	18,534,610	52	8,896,613
Michigan.....	2,337,587	6½	15,194,316	56	1,867,773	6½	12,140,524	56	5,341,831
Indiana.....	931,507	6	5,589,042	45	783,535	6	4,701,210	45	2,585,666
Illinois.....	994,756	6½	6,465,914	50	811,072	6½	5,271,968	50	2,635,984
Wisconsin.....	1,033,318	6	6,199,908	50	867,092	6	5,202,552	50	2,601,276
Minnesota.....	502,580	6	3,015,480	60	473,538	6	2,841,228	60	1,136,491
Iowa.....	749,640	7	5,247,480	62	602,813	7	4,219,691	62	1,603,483
Missouri.....	971,925	6	5,831,550	53	817,779	6	4,906,674	50	2,453,337
Kansas.....	316,934	8	2,535,472	65	270,210	8½	2,296,785	67	757,939
Nebraska.....	269,058	9	2,421,522	69	173,542	8½	1,475,103	70	542,531
California.....	3,753,594	7	26,275,158	66	3,307,708	7	23,153,956	63	8,566,964
Oregon.....	2,481,694	8	19,853,552	65	2,451,336	8	19,610,688	67	6,471,527
Nevada.....	505,992	8	4,047,936	69	544,077	8	4,352,616	69	1,349,311
Colorado.....	1,265,904	7	8,861,328	67	1,219,794	6½	8,233,609	65	2,881,763
Arizona.....	691,246	9	6,221,214	73	742,067	9	6,678,603	73	1,803,223
North Dakota.....	359,012	6½	2,243,825	63	349,547	6	2,097,282	61	817,940
South Dakota.....	319,438	6	1,916,628	55	311,513	6	1,869,078	60	757,631
Idaho.....	771,752	7½	5,788,140	67	899,628	7½	6,747,210	67	2,026,579
Montana.....	2,714,166	6½	17,642,079	63	2,718,838	7	19,031,866	65	6,661,153
New Mexico.....	2,818,946	4¾	13,389,994	55	2,936,612	4¾	13,948,907	55	6,277,008
Utah.....	1,808,622	6½	11,756,043	65	1,895,519	6	11,391,114	64	4,100,801
Washington.....	807,933	7	5,655,531	68	736,875	7	5,158,125	68	1,650,600
Wyoming.....	1,160,213	8½	9,861,811	68	1,146,741	8½	9,747,300	68	3,119,136
Oklahoma.....	18,222	7	127,554	67	22,163	7	155,141	67	51,197
Total.....	43,501,994	6.39	278,210,712	59.71	39,949,388	6.375	254,296,726	60	101,718,690
Pulled Wool.....							40,000,000	40	24,000,000
Total Product.....							294,296,726		125,718,690

TABLE NO. 55—PRICES PAID AT POINTS STATED, AND SHIPPING RATES TO BOSTON, ST. LOUIS, AND CHICAGO, BY THE PURCHASERS OF 11,988,809 POUNDS OF MONTANA WOOL DURING THE SEASON OF 1895, AS REPORTED BY THEM.

No. of Report...	Where Bought.	* Pounds Bought and Reported.	Highest Price Paid Per Pound.	Lowest Price Paid Per Pound.	Average Price Paid Per Pound.	Average Weight Per Fleece.	Average R. R. Freight Per 100 lbs. From Shipping Point to Destination.	On Consignment.
7	Big Sandy.....	25,000						
1	".....	250,000	10½	9	10	6¼	1.85	
11	".....	109,000	11 1-5	9	10	6	1.60	15,000
		384,000	11 1-5	9	10	6½	1.72	15,000
1	Big Timber.....	925,000	12.05	8½	10	7	1.50	
3	".....	190,000	12½	8½	11			
7	".....	200,000	11	9½	10¾	7	1.50	70,000
11	".....	62,172	10½	10	10¼	6	1.60	15,000
		1,377,172	12½	8½	10.25	6.94	1.53	85,000
1	Billings.....	50,000	11¼	11¼	11¼	7	1.50	
3	".....	190,000	12½	8½	11			
7	".....	200,000	12	11½	11½	6	1.45	
11	".....	325,000	10½	9	10	8	1.50	75,000
		426,800	11¾	8¼	10	6	1.60	
		1,191,800	12½	8¼	10.46	6½	1.51	75,000

TABLE NO. 55—CONTINUED.

No. of Report...	Where Bought.	* Pounds Bought and Reported.	Highest Price Paid Per Pound.	Lowest Price Paid Per Pound.	Average Price Paid Per Pound.	Average Weight Per Fleece.	Average R. R. Freight per 100 lbs. From Shipping Point to destination	On Consignment.
1	{ Buford, Chester, Chino, Poplar & Malta }	966,000	11 $\frac{1}{4}$	7 $\frac{1}{2}$	10	7	1.80	.....
1	{ Deer Lodge, Missoula, and Pioneer }	450,000	10 $\frac{1}{4}$	8	9 $\frac{1}{2}$	7	1.85	.....
10	Dillon.....	65,000	10	10	10	.....	1.90	.....
3	Fort Benton.....	133,000	12 $\frac{1}{4}$	11 $\frac{1}{2}$	12	.....	.....	.....
8	Forsyth.....	23,000	9 $\frac{1}{2}$	8 $\frac{1}{2}$	9	8	1.10	150,000
1	Glendive.....	250,000	11 $\frac{1}{4}$	10	10 $\frac{1}{2}$	6 $\frac{1}{2}$	1.10	.....
6	".....	225,000	11 $\frac{1}{8}$	10	10 $\frac{1}{4}$	6	1.12	.....
8	".....	200,000	11	8 $\frac{3}{4}$	9 $\frac{1}{2}$	7 $\frac{1}{2}$	1.10	150,000
		675,000	11 $\frac{1}{4}$	8 $\frac{3}{4}$	10.28	6.64	1.11	150,000
1	Great Falls.....	975,000	13 $\frac{1}{4}$	8 $\frac{5}{8}$	10.50	6 $\frac{1}{2}$	1.50	.....
2	".....	215,000	11 $\frac{3}{8}$	9 $\frac{1}{4}$	10.42	.....	1.50	.....
2	".....	230,000	12 $\frac{7}{8}$	9 $\frac{1}{4}$	11.50	6 $\frac{1}{4}$	.....	.....
4	".....	205,000	11 $\frac{3}{8}$	8	10.25	.....	1.50	.....
5	".....	112,837	11 $\frac{1}{2}$	9 $\frac{1}{4}$	10.60	.....	.....	.....
7	".....	500,000	12 $\frac{1}{2}$	9 $\frac{1}{4}$	10.80	7	1.50	100,000
8	".....	100,000	11 $\frac{1}{2}$	10 $\frac{3}{8}$	10.75	7	1.20	40,000
10	".....	550,000	12 $\frac{1}{8}$	8 $\frac{3}{4}$	10	.....	1.40	.....
11	".....	137,000	12	9	10.25	6	1.60	222,000
		3,024,837	13 $\frac{1}{4}$	8	10.51	6 $\frac{1}{2}$	1.46	362,000
1	Miles City.....	510,000	13	8	10.20	6 $\frac{1}{2}$	1.50	.....
11	Not Specified.....	127,000	10 $\frac{1}{2}$	8	10.25	6	.....	125,000
9	".....	3,000,000	13 $\frac{1}{4}$	8	10.75	.....	1.50	.....
8	".....	60,000	.....	7 $\frac{1}{2}$	8.50	8	1.20	250,000
		3,187,000	13 $\frac{1}{4}$	7 $\frac{1}{2}$	10.68	6.05	1.35	375,000
	Total and averages for all	11,988,809	13 $\frac{1}{4}$	7 $\frac{1}{2}$	10.48	6.73	1.53	1,212,000

\* It is not to be understood this column shows the wool product of the state. It shows merely the amount purchased by those reporting, and is given to show the proportion on which the other calculations are based.

NOTE—At the close of the wool purchasing season in Montana in 1895 this Bureau submitted to all known eastern purchasers of Montana wool who had buyers here, a schedule of inquiries covering the amount of wool purchased by them, the highest, lowest and average prices paid by them, average weight of fleeces, average transportation charges from place of shipment to point of destination, comparative quality, etc. Nearly all the principal purchasers responded and the results are given above. It is not assumed this table gives the entire purchases in the state or at any point—it merely gives the aggregate purchases and other items at those points by the persons reporting, there being as many as ten purchasers at some places. The average price paid per pound has been carefully worked out and shows the average net price received by wool growers at the several purchasing points. This with the freight rates (the higher rates being to the Atlantic coast) and average price of Montana wools in Boston, published in another table, will be of interest to wool growers. These reports involving the private business of purchasers their names are of course not disclosed. Incidental to this table it may be stated that a list published in State papers in August last, aggregating 20,660,000 pounds, which list was given by buyers or agents of buyers in the State, was not verified by the reports of the purchasing firms, falling short in the aggregate of those reporting 1,230,000 pounds. The wools of 1895 are generally quoted "medium" to "good" as compared with 1894, the extreme northern wools owing, it is alleged, to the range being not so good during the year, not being as well grown as those in the central and southern part of the State. The wools shorn later, subsequent to the June rains, are reported as of better condition and lighter quality than those clipped earlier.

**TABLE NO. 56**—COMPARATIVE EXHIBIT OF WOOL CLIP, AND PRICES OF WOOL AND RANGE SHEEP YEARS 1895 AND 1894, AS REPORTED BY GROWERS.

Tracing Number.....	COUNTIES.  Locality.	SHEEP.				WOOL.		RANGE VALUE*.	
		Number Shorn.	Clip.	Number Shorn.	Clip.	Net price realized at Shipping point.*		Ave. marketable Value of sheep on Range June 30.	
		1895.		1894.		1895.	1894.	1895.	1894.
		Number.	Pounds.	Number.	Pounds.	Cents.	Cents.	Dols.	Dols.
	<b>BEAVERHEAD.</b>								
15	Dillon	4,500	31,500	4,000	28,000	9½	8½	1.95	.....
16	Red Rock	2,900	23,000	2,400	16,800	10½	8¼	.....	.....
17	Dillon	4,400	36,000	4,300	34,500	9	9	1.75	.....
18	"	7,000	50,000	7,500	60,000	9¾	9	1.75	.....
19	Bannack	2,250	16,200	2,150	15,300	9½	9 3-5	1.75	.....
20	Dillon	4,000	31,000	3,100	26,000	9¼	7¼	1.75	.....
21	Lima	2,300	16,900	2,000	13,200	9¼	8	1.50	.....
22	Red Rock	1,410	11,070	1,062	7,600	9¼	7¼	1.50	.....
23	Dillon	7,212	49,760	8,713	63,925	10	9	2.00	.....
24	"	2,600	24,030	2,120	18,558	9¾	9	1.75	.....
25	"	4,000	31,200	3,800	30,000	9½	8¾	.....	.....
		42,472	320,660	41,145	313,883	9½	8½	1.74	.....
	<b>CASCADE.</b>								
1	Great Falls	10,940	70,240	8,270	55,950	10¼	8¼	2.00	.....
2	Sun River	22,000	148,000	14,000	98,000	11½	11	1.50	.....
3	Cascade	3,400	21,000	3,000	18,000	11¼	9¼	1.50	.....
4	Geyser	2,900	20,200	2,515	15,000	9½	8¾	.....	.....
5	Great Falls	16,000	113,000	12,500	75,000	11¼	11¼	1.50	.....
6	Cora	2,235	15,000	2,800	18,800	9½	11½	1.70	.....
7	Cora	6,500	42,000	4,500	27,000	n. s. . .	10¼	2.00	.....
8	Truly	2,750	13,000	4,300	20,000	10½	9¼	1.50	.....
9	Belt	4,000	23,000	3,500	21,560	10	.....	1.50	.....
10	Cascade	17,000	121,000	15,000	110,000	10½	9½	1.50	.....
13	"	4,500	23,000	4,000	20,000	11¼	n. s. . .	2.00	.....
15	Kibbey	1,800	11,641	1,700	10,200	12½	9½	1.50	.....
17	Armington	.....	.....	2,200	12,000	.....	9¼	1.70	.....
		94,025	621,081	78,115	501,510	10¾	9¾	1.64	.....
	<b>CHOTEAU.</b>								
3	Steele	3,000	20,000	2,500	16,000	11	9½	1.50	.....
4	Big Sandy	2,000	12,000	1,500	9,500	10½	10½	2.00	.....
13	"	2,400	16,081	1,984	13,175	10¾	10½	2.00	.....
18	Chinook	7,500	60,000	5,500	40,000	12¼	8¼	.....	.....
19	Steele	3,250	22,750	2,500	16,535	11	10	.....	.....
20	Havre	4,000	27,000	3,400	18,717	11½	8½	.....	.....
21	Whitlatch	940	6,500	620	4,200	n. s. . .	9½	1.50	.....
22	Lacy	6,100	34,525	5,500	35,689	11½	9¼	.....	.....
23	Cleveland	3,000	23,000	2,200	14,500	10¼	10	1.75	.....
24	Whitlatch	4,200	33,000	3,700	30,000	11¼	9½	1.25	.....
		36,390	254,856	29,404	198,316	11¼	9½	1.66	.....
	<b>CUSTER.</b>								
10	Beebe	9,000	54,000	8,000	47,000	8	7½	2.50	.....
11	Basin-Ki	9,000	54,000	8,000	50,000	9	9¼	1.75	.....
12	Miles City	5,000	39,000	4,000	26,000	11	8½	2.00	.....
13	Hocketts	5,800	33,000	5,000	27,000	9¼	7¾	2.25	.....
14	Forsyth	3,400	27,000	2,550	20,700	10¼	n. s. . .	2.25	.....
15	Blatchford	1,900	12,000	1,805	11,500	8½	8	1.75	.....
16	Rosebud	2,000	15,000	2,000	14,500	10	7	1.75	.....
17	Howard	700	4,300	500	3,300	n. s. . .	8	.....	.....
		36,800	238,300	31,855	200,000	11	8	2.03	.....
	<b>DEER LODGE.</b>								
13	Pioneer	3,000	20,300	2,400	15,500	10	9¼	1.75	.....
14	"	2,350	16,393	2,100	13,380	10	9¼	1.50	.....
15	Helmville	1,950	13,100	2,850	22,300	.....	7½	1.60	.....
16	Pioneer	2,900	16,600	3,100	18,000	9	8	.....	.....
		10,200	66,393	10,450	69,180	9¾	8½	1.62	.....
	<b>FERGUS.</b>								
1	Grassrange	3,275	22,925	4,100	28,700	9	9	1.50	.....
2	Folsom	4,500	33,000	3,600	29,347	10	7¾	1.50	.....
3	"	4,100	27,000	2,600	15,000	11½	8	1.75	.....
4	Judith	5,000	36,000	3,300	22,000	11¼	10	1.25	.....
5	Denton	8,500	48,000	8,300	46,000	13½	11½	1.50	.....
6	Barott	4,800	39,000	8,500	78,000	12½	9¼	1.65	.....
7	Denton	5,200	30,000	4,200	25,000	10	10	1.25	.....
8	Gilt Edge	1,269	8,000	1,275	6,000	10½	9	1.50	.....
9	Halbert	7,500	60,500	4,500	36,500	10	8	1.75	.....
10	Highfield	4,100	33,000	4,000	28,500	10¼	9¼	.....	.....
11	Maiden	3,100	20,000	2,650	12,600	11½	9½	1.50	.....
12	Highfield	7,000	61,000	5,100	45,000	10	8¼	1.50	.....
13	Lavina	1,600	14,000	4,000	33,000	10	8	2.00	.....
14	Flatwillow	3,500	22,000	3,000	17,000	9½	7	1.75	.....
15	"	8,100	60,000	7,000	51,000	n. s. . .	8	1.50	.....
17	Highfield	2,350	17,600	1,700	12,000	10¼	9	1.40	.....

TABLE NO. 56—CONTINUED.

Tracing Number....	COUNTIES.  Locality.	SHEEP.				WOOL.		RANGE VALUES.	
		Number Shorn.	Clip.	Number Shorn.	Clip.	Net price realized at Shipping Point.		Ave. Marketable Value of Sheep on Range June 30.	
		1895.		1894.		1895	1894	1895	1894
		Number.	Pounds.	Number.	Pounds.	Cents.	Cents.	Dols.	Dols.
18	Stanford .....	33,700	222,000	26,000	163,947	10 $\frac{1}{2}$	9 $\frac{1}{2}$	1.75	.....
19	Flatwillow .....	5,300	31,800	7,500	49,000	10	9 $\frac{1}{2}$	1.50	.....
20	Yale .....	7,500	55,000	8,000	57,000	9 $\frac{1}{2}$	9 $\frac{1}{2}$	1.50	.....
21	Utica .....	1,600	10,000	2,500	18,600	10 $\frac{1}{2}$	9 $\frac{1}{2}$	1.50	.....
22	" .....	7,318	41,403	7,500	48,643	10	10	1.50	.....
23	Stanford .....	5,500	31,801	6,000	32,797	10 $\frac{1}{2}$	10 $\frac{1}{2}$	1.50	.....
24	Flatwillow .....	3,700	27,000	4,300	30,200	10 $\frac{1}{2}$	10	.....	.....
28	Grass Range .....	800	4,800	1,800	11,700	9 $\frac{1}{2}$	9 $\frac{1}{2}$	.....	.....
		139,312	955,829	131,425	897,534	10 $\frac{1}{2}$	9 $\frac{1}{2}$	1.55	.....
	LEWIS & CLARKE.								
6	Hogan .....	3,800	27,000	3,500	25,000	.....	9 $\frac{3}{4}$	.....	.....
7	" .....	5,500	39,000	4,700	32,000	.....	.....	.....	.....
8	Augusta .....	2,000	16,000	1,100	4,000	9	.....	.....	.....
9	Craig .....	2,500	15,250	2,200	14,300	10 $\frac{1}{2}$	8 $\frac{3}{4}$	1.50	.....
10	Rohner .....	3,500	21,000	2,900	17,000	10 $\frac{1}{2}$	7 $\frac{5}{8}$	1.20	.....
11	" .....	3,700	25,900	2,550	17,850	10 $\frac{1}{2}$	8	1.75	.....
		21,000	144,150	16,950	110,150	9 $\frac{7}{8}$	8 $\frac{1}{2}$	1.51	.....
23	MADISON .....	12,000	84,000	10,000	75,000	8 $\frac{1}{2}$	8	1.75	.....
24	" .....	1,800	14,600	1,850	15,300	8 $\frac{1}{2}$	7	1.25	.....
		13,800	98,600	11,850	90,300	8 $\frac{3}{8}$	7 $\frac{1}{2}$	1.50	.....
1	MEAGHER .....	1,760	10,000	1,500	9,000	10 $\frac{1}{2}$	n. s. ...	.....	.....
2	White Sulphur Springs .....	4,500	30,000	6,000	40,000	12	11 $\frac{1}{2}$	1.00	.....
3	Unity .....	4,000	24,000	4,200	25,000	10 $\frac{3}{4}$	10 $\frac{1}{2}$	1.50	.....
4	White Sulphur Springs .....	4,800	36,000	5,000	37,000	12 $\frac{3}{4}$	9	1.75	.....
5	" .....	5,000	32,000	3,100	20,000	11 $\frac{1}{2}$	10	1.50	.....
6	Martinsdale .....	9,247	78,000	7,635	63,366	10 $\frac{1}{2}$	9	1.75	.....
7	White Sulphur Springs .....	20,000	145,000	16,000	112,000	9 $\frac{1}{2}$	7 $\frac{1}{2}$	1.50	.....
8	Big Elk .....	5,000	45,000	6,000	52,000	10 $\frac{1}{2}$	10	1.75	.....
9	Toston .....	14,000	100,000	12,000	95,000	10	8	.....	.....
10	Merino .....	7,450	63,875	6,331	54,500	9 $\frac{3}{4}$	9	1.25	.....
11	" .....	5,940	42,550	5,594	41,022	9 $\frac{3}{4}$	9	1.25	.....
12	White Sulphur Springs .....	5,258	39,000	3,800	23,000	10	9 $\frac{1}{4}$	1.50	.....
13	Martinsdale .....	10,000	70,000	9,000	63,000	9	8	1.50	.....
14	Fort Logan .....	2,430	18,440	3,500	24,500	10	10	.....	.....
16	Big Elk .....	4,100	28,000	4,500	32,000	10 $\frac{3}{4}$	10	1.50	.....
17	White Sulphur Springs .....	12,000	70,000	11,000	60,000	9	8	1.50	.....
18	" .....	22,000	160,000	19,000	135,660	9 $\frac{1}{2}$	.....	1.50	.....
19	" .....	4,590	33,000	3,950	28,000	10 $\frac{1}{4}$	.....	.....	.....
20	Bercail .....	7,000	56,000	6,000	44,000	9 $\frac{3}{4}$	7 $\frac{1}{2}$	1.85	.....
21	Fort Logan .....	10,000	72,000	6,500	45,000	.....	.....	1.50	.....
		159,075	1,152,865	140,610	1,004,048	10 $\frac{1}{8}$	9 $\frac{1}{8}$	1.50	.....
	SWEET GRASS.								
1	Big Timber .....	2,100	16,500	2,600	21,100	10	7	1.25	1.00
2	" .....	2,580	22,800	2,780	24,800	8	7	1.75	1.50
3	Melville .....	2,800	22,000	2,000	11,000	9 $\frac{3}{4}$	9	1.50	.....
4	" .....	9,000	72,000	8,100	63,000	12	9 $\frac{1}{2}$	1.50	1.50
5	" .....	3,559	22,848	2,750	13,252	10 $\frac{1}{4}$	9 $\frac{1}{2}$	1.75	1.50
6	Howie .....	3,500	26,000	2,456	20,130	9 $\frac{5}{8}$	10	.....	.....
7	Big Timber .....	3,300	21,000	2,600	19,000	10 $\frac{1}{4}$	10	.....	1.25
8	" .....	4,050	33,500	4,180	37,600	10 $\frac{3}{4}$	9 $\frac{1}{4}$	1.75	1.50
9	" .....	2,100	14,000	1,844	12,000	9 $\frac{1}{2}$	9	2.00	1.25
10	" .....	2,450	23,577	2,200	15,400	9 $\frac{1}{2}$	9	1.50	1.50
11	" .....	4,500	31,500	3,250	26,000	10 $\frac{1}{2}$	10 $\frac{1}{2}$	1.50	1.25
12	Melville .....	3,200	25,000	2,900	21,000	11	9	.....	.....
13	" .....	3,000	21,000	3,500	24,600	11	7 $\frac{5}{8}$	2.00	1.50
		46,039	351,725	41,160	308,882	10 1-6	9	1.65	1.37
	TETON.								
6	Choteau .....	8,000	48,000	6,000	36,000	n. s. ...	10 $\frac{1}{2}$	1.50	.....
7	Bynum .....	15,000	112,500	12,000	96,000	11 $\frac{1}{2}$	9 $\frac{3}{4}$	1.50	.....
8	Choteau .....	25,000	170,000	20,000	140,000	11 $\frac{1}{2}$	8	.....	.....
9	Bellevue .....	2,800	17,000	2,100	13,000	11	8	1.50	.....
10	" .....	2,800	21,000	2,700	20,000	10	9	1.50	.....
11	Brighton .....	4,100	31,000	4,000	29,000	10 $\frac{5}{8}$	9 $\frac{1}{2}$	1.35	.....
12	Pondera .....	5,000	37,000	4,500	35,000	11 $\frac{1}{4}$	7 $\frac{1}{2}$	1.75	.....
13	Dupuyer .....	1,600	11,300	2,000	14,000	8	7 $\frac{1}{2}$	1.50	.....
14	Raymond .....	2,000	12,000	3,000	18,000	11 $\frac{1}{2}$	8	1.50	.....
		66,300	459,700	56,300	401,000	10 $\frac{2}{3}$	8 $\frac{1}{2}$	1.51	.....
	YELLOWSTONE.								
1	Musselshell .....	1,800	10,000	1,700	9,000	10	9	2.00	.....
2	Columbus .....	3,200	18,000	2,400	16,000	10 $\frac{1}{4}$	10	1.50	.....
3	Junction .....	1,900	13,000	1,700	10,000	8 $\frac{1}{2}$	n. s. ...	1.50	.....
4	Columbus .....	3,200	27,000	2,700	19,800	.....	9	2.00	.....

TABLE NO. 56—CONTINUED.

Trading Number....	Counties.	SHEEP.				WOOL.		RANGE VALUES.	
		Number Shorn.	Clip.	Number Shorn.	Clip.	Net price Realized at Shipping point.		Ave. Marketable value of Sheep on Range June 30.	
		1895.		1894.		1895.	*1894.	1895.	+1894.
		Number.	Pounds.	Number.	Pounds.	Cents.	Cents.	Dols.	Dols.
5	Billings .....	3,150	25,400	2,800	20,000	11	8 <sup>3</sup> / <sub>4</sub>	.....	.....
6	" .....	5,000	35,000	4,000	28,000	10	7 <sup>3</sup> / <sub>4</sub>	.....	1.75
7	Park City .....	3,000	21,000	2,650	18,550	8	.....	.....	1.75
8	Billings .....	4,300	36,600	4,600	41,400	10 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	.....	1.75
9	Huntley .....	2,000	15,000	1,600	12,000	10	8	.....	.....
10	Roundup .....	4,900	34,000	3,000	21,000	11	10	.....	1.50
11	Billings .....	9,000	65,000	7,500	50,000	.....	.....	.....	1.50
12	Rapids .....	3,500	32,000	3,000	28,000	.....	8	.....	2.00
13	Musselshell .....	4,800	33,000	3,000	16,000	10 <sup>5</sup> / <sub>8</sub>	8	.....	1.50
14	Rapids .....	3,200	22,400	1,500	9,653	10 1-5	9 <sup>1</sup> / <sub>2</sub>	.....	1.75
15	Ekalaka .....	4,000	30,000	4,500	35,000	n. s. ...	10	.....	2.00
		56,850	417,400	46,650	334,403	10 1-9	8 <sup>7</sup> / <sub>8</sub>	1.73	.....
	ALL O' HER COUNTIES.								
1	Carbon Co. ....	5,000	40,000	4,100	32,000	10 <sup>1</sup> / <sub>2</sub>	9	2.00	1.50
16	Dawson Co. ....	5,500	41,300	7,000	46,000	10 <sup>3</sup> / <sub>4</sub>	n. s. ...	2.00	.....
17	" .....	1,600	11,200	1,400	9,800	10 <sup>5</sup> / <sub>8</sub>	.....	2.00	.....
9	Missoula Co. ....	3,100	29,000	2,800	27,000	10 <sup>5</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>4</sub>	.....	.....
10	Park Co. ....	2,782	18,975	3,100	21,700	9 <sup>1</sup> / <sub>2</sub>	9	1.50	1.50
7	Ravalli Co. ....	12,000	92,000	11,000	90,000	9	7	1.50	1.50
1	Valley Co. ....	600	4,160	2,300	14,319	9	9 <sup>1</sup> / <sub>4</sub>	1.50	.....
2	Saco .....	1,000	7,000	900	5,400	9	10	1.50	1.50
3	Poplar .....	11,000	70,000	9,600	57,600	9 <sup>3</sup> / <sub>4</sub>	.....	1.50	.....
4	Malta .....	3,250	35,000	2,800	19,600	.....	.....	.....	.....
6	Saco .....	3,000	26,000	2,750	19,250	10 <sup>1</sup> / <sub>2</sub>	.....	.....	.....
		48,832	374,635	47,840	342,669	10	9	1.71	1.50

## RECAPITULATION.

	Number.	Pounds.	Number.	Pounds.	Cents.	Cents.	Dols.	Dols.
Beaverhead .....	42,472	330,660	41,145	313,883	9 <sup>1</sup> / <sub>2</sub>	8 <sup>1</sup> / <sub>2</sub>	1.74	1.50
Cascade .....	94,025	621,081	78,115	501,510	10 <sup>3</sup> / <sub>4</sub>	9 <sup>3</sup> / <sub>4</sub>	1.64	1.27
Choteau .....	36,300	254,856	29,404	198,316	11 <sup>1</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	1.66	1.44
Custer .....	36,800	238,300	31,855	200,000	11	8	2.03	1.61
Deer Lodge .....	10,200	66,393	10,450	69,180	9 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	1.62	1.50
Fergus .....	139,312	955,829	131,425	897,534	10 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>	1.55	1.32
Lewis & Clarke .....	21,000	144,150	16,950	110,150	9 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	1.51	1.32
Madison .....	13,800	98,600	11,850	90,300	8 <sup>3</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>2</sub>	1.50	1.25
Meagher .....	169,075	1,152,865	140,610	1,004,048	10 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>8</sub>	1.50	1.36
Sweet Grass .....	46,039	351,725	41,160	308,882	10 1-6	9	1.65	1.37
Teton .....	66,300	459,700	56,300	401,000	10 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>2</sub>	1.51	1.33
Yellowstone .....	56,850	417,400	46,650	334,403	10 1-9	8 <sup>7</sup> / <sub>8</sub>	1.73	1.51
All Other Counties .....	48,832	374,635	47,840	342,669	10	9	1.71	1.50
State .....	771,095	5,456,194	683,754	4,771,875	10 1-6	9	1.64	1.40

\* The apparent discrepancy between the "Net price realized at shipping point for 1894" as reported by wool growers this year, and the figures given by them in the report for 1894 is probably occasioned by growers this year deducting the cost of transportation to shipping point, the schedule of inquiry having been changed from that of last year.

† Average marketable value of sheep on range for year ended June 30, 1894, is given in this column as reported to this Bureau for last year's report, with the exception of Counties not then created.

Increase in number of sheep shorn in 1895 over number shorn in year ended June 30, 1894, by same number of wool growers is 12.77 per cent; increase in marketable value of sheep on range for year ended June 30, 1895, as compared with value for year ended June 30, 1894, is reported at 17.14 per cent; increase in net price realized at shipping point for wool in past year as compared with price for year ended June 30, 1894, is 12.96 per cent. Average clip per head in year 1895, 7.07 lbs.; in 1894, 6.98 lbs.



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## PART VIII.

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### MISCELLANEOUS STATISTICS.

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TAXABLE PROPERTY 1895, AND RATES OF TAX-  
ATION BY COUNTIES.

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SUMMARIES OF REVENUES AND DISBURSEMENTS  
OF THE STATE.

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BONDED DEBT OF COUNTIES, SCHOOL DISTRICTS AND LAND  
GRANTS.

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METEOROLOGICAL RECORD FOR 1895.

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# Assessed Valuations, Tax Rates, Receipts and Disbursements of State, Bonded Indebtedness of Counties, School Districts, etc.

**TABLE NO. 57—SHOWING REAL PROPERTY AFTER EQUALIZATION BY COUNTY AND STATE BOARDS OF EQUALIZATION, 1895.**

From Report of State Board of Equalization.

County.	No. Acres of Land.	Value of Same.	Value of Improvements on same.	Value of City and town Lots.	Value of Improvements on same.	Value Mining Claims.	Improvements on same.	Total Value all Real Property and Improvements.
Beaverhead .....	173,938	\$653,797	\$263,230	\$154,156	\$291,889			\$1,362,072
Carbon .....	9,675	175,424	133,660	25,869	60,060			395,013
Cascade .....	298,949	2,708,828	1,040,138	3,522,395	1,280,376			8,551,737
Choteau .....	60,538	132,331	203,106	158,784	152,349	2,603		648,973
Custer .....	967,821	751,617	186,524	191,261	287,383			1,416,785
Dawson .....	337,664	148,612	37,575	85,219	100,595			372,001
Deer Lodge .....	414,078	810,527	1,353,281	786,563	955,726	19,640	86,815	4,012,552
Fergus .....	330,900	587,155	466,257	77,262	195,825			1,326,499
Flathead .....	144,145	577,866	164,576	806,032	156,277	2,795		1,707,546
Gallatin .....	425,547	2,149,872	554,900	804,497	813,905			4,323,174
Granite .....	158,730	333,327	114,207	197,690	218,985	36,112	304,050	1,104,371
Jefferson .....	313,558	636,351	398,982	252,165	307,092	27,763	48,500	1,670,153
Lewis and Clarke .....	265,499	1,667,670	736,742	5,559,160	4,729,560	19,230	211,850	12,914,212
Madison .....	330,511	739,968	533,950	66,585	172,360	21,795	86,390	1,630,948
Meagher .....	341,665	902,315	413,599	348,063	331,260	42,335	52,150	2,089,722
Missoula .....	187,836	770,590	290,435	1,256,079	806,551	250	31,000	3,154,905
Park .....	336,024	702,852	241,915	745,950	550,755			2,241,472
Ravalli .....	138,280	654,906	272,610	114,084	148,748			1,190,348
Silver Bow .....	47,751	198,285	76,895	6,212,550	4,003,960	81,905	1,153,690	11,727,285
Sweet Grass .....	425,796	642,978	127,999	114,128	95,195			980,300
Teton .....	120,546	441,899	117,306	69,596	41,640			670,341
Valley .....	671	3,753	52,124	24,647	26,455			106,979
Yellowstone .....	748,207	731,154	156,994	464,109	358,240			1,710,497
Totals .....	\$6,558,425	\$17,020,977	\$7,926,305	\$22,036,844	\$16,084,986	\$254,328	\$1,974,445	\$65,297,885

**TABLE NO. 58—SHOWING THE TOTAL ASSESSED VALUATION OF ALL PROPERTY WITHIN EACH COUNTY AFTER EQUALIZATION BY STATE AND COUNTY BOARDS OF EQUALIZATION FOR THE YEAR 1895.**

From Report of State Board of Equalization.

County.	Total value of all Real Property.	Total value of all Personal Property.	Total value of Railroads assessed by State Board.	Total value of all property Assessed in each County.
Beaverhead .....	\$1,362,072	\$1,540,050	\$392,400 00	\$3,294,522 00
Carbon .....	395,013	647,914	172,628 00	1,215,555 00
Cascade .....	8,551,737	2,172,835	648,100 00	11,372,672 00
Choteau .....	648,973	2,585,237	1,088,920 00	4,323,150 00
Custer .....	1,416,785	4,658,552	627,974 00	6,703,311 00
Dawson .....	372,001	1,526,226	177,187 50	2,075,414 50
Deer Lodge .....	4,012,552	1,530,911	373,742 00	5,967,305 00
Fergus .....	1,326,499	2,894,963		4,221,462 00
Flathead .....	1,707,546	547,267	790,000 00	3,044,813 00
Gallatin .....	4,323,174	1,563,081	253,762 00	6,140,017 00
Granite .....	1,104,371	942,059	212,246 00	2,208,676 00
Jefferson .....	1,670,153	1,711,515	802,130 50	4,183,798 50
Lewis and Clarke .....	12,914,212	4,757,352	508,626 50	18,210,190 50
Madison .....	1,630,948	1,361,335	173,500 00	3,060,783 00
Meagher .....	2,089,722	1,833,372	157,472 50	4,080,566 50
Missoula .....	3,154,905	1,454,763	1,039,178 00	5,648,846 00
Park .....	2,241,472	947,192	310,668 00	3,499,332 00
Ravalli .....	1,190,348	744,085	13,156 00	2,070,589 00
Silver Bow .....	11,727,285	10,885,760	478,360 50	23,091,405 50
Sweet Grass .....	980,300	795,892	147,987 00	1,924,179 00
Teton .....	670,341	1,066,923	662,600 00	2,399,864 00
Valley .....	106,979	670,626	816,000 00	1,593,605 00
Yellowstone .....	1,710,497	1,555,306	480,766 00	3,746,629 00
Total .....	\$65,297,885	\$48,323,296	\$10,455,404 50	\$121,076,585 50

## TOTAL ASSESSED VALUE OF PROPERTY IN MONTANA 1870-1895 INCLUSIVE.

Compiled from Reports of State Officers and Boards.

Years.	Amount.	Years.	Amount.	Years.	Amount.	Years.	Amount.
1870.....	\$8,762,735	1877.....	\$11,193,874	1884.....	\$49,746,269	1891.....	\$142,205,428
1871.....	9,271,990	1878.....	12,777,038	1885.....	52,847,536	1892.....	129,456,942
1872.....	10,176,988	1879.....	15,508,881	1886.....	55,076,872	1893.....	127,548,175
1873.....	9,803,745	1880.....	18,609,802	1887.....	60,029,493	1894.....	118,850,892
1874.....	9,384,311	1881.....	24,040,806	1888.....	67,430,534	1895.....	124,076,585
1875.....	10,062,904	1882.....	32,211,319	1889.....	79,376,944		
1876.....	9,939,541	1883.....	44,698,461	1890.....	112,937,383		

TABLE NO. 59—SHOWING RATE OF TAXATION LEVIED ON DIFFERENT FUNDS IN THE SEVERAL COUNTIES FOR 1895.

From Report of State Board of Equalization.

County.	State	Sheep and Ind.	Indem.	Stock Defective	Stock Insp.	State Bond.	General Fund.	Contingent.	School.	Bond and Interest.	Road.	Poor.	Bridge.	Sinking.	Total Levy.
	Mills.	Mills.	Mills.	Mills.	Mills.	Mills.	Mills.	Mills.	Mills.	Mills.	Mills.	Mills.	Mills.	Mills.	Mills.
Beaverhead.....	21 <sup>1</sup> / <sub>2</sub>	1-16	1-16	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	11	.....	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	.....	1	.....	20 <sup>5</sup> / <sub>8</sub>
Carbon.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	9	4 <sup>1</sup> / <sub>2</sub>	.....	.....	.....	.....	1	.....	25 <sup>1</sup> / <sub>2</sub>
Cascade.....	21 <sup>1</sup> / <sub>2</sub>	1-10	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	10	.....	.....	.....	2 <sup>1</sup> / <sub>2</sub>	.....	.....	.....	18 <sup>2</sup> / <sub>5</sub>
Choteau.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	.....	.....	1 <sup>1</sup> / <sub>2</sub>	1	.....	1 <sup>1</sup> / <sub>2</sub>	23 <sup>1</sup> / <sub>2</sub>
Custer.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	15	.....	3 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	.....	1	.....	27 <sup>1</sup> / <sub>2</sub>
Dawson.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	.....	1	.....	.....	4	23 <sup>1</sup> / <sub>2</sub>
Deer Lodge.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	4	.....	5	1 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	1	.....	.....	20 <sup>1</sup> / <sub>2</sub>
Fergus.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	5	4	2 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	.....	1	.....	.....	22 <sup>1</sup> / <sub>2</sub>
Flathead.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	8	3	.....	2	.....	3	1	.....	21 <sup>1</sup> / <sub>2</sub>
Gallatin.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	6	3	.....	.....	.....	.....	1	1	18
Granite.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	15	.....	.....	.....	.....	.....	.....	.....	22
Jefferson.....	21 <sup>1</sup> / <sub>2</sub>	1-10	1-10	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	8 <sup>1</sup> / <sub>2</sub>	5	.....	.....	1 <sup>1</sup> / <sub>2</sub>	.....	.....	.....	21 <sup>1</sup> / <sub>2</sub>
Lewis and Clarke.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	.....	.....	.....	.....	.....	1	.....	.....	16 <sup>1</sup> / <sub>2</sub>
Madison.....	21 <sup>1</sup> / <sub>2</sub>	1-10	1-10	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	12	.....	.....	.....	.....	1	1	.....	20 <sup>1</sup> / <sub>2</sub>
Meagher.....	21 <sup>1</sup> / <sub>2</sub>	1-10	1-10	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	.....	.....	.....	.....	.....	.....	3	21 <sup>1</sup> / <sub>2</sub>
Missoula.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	4	3	3	.....	1 <sup>1</sup> / <sub>2</sub>	.....	.....	.....	16 <sup>1</sup> / <sub>2</sub>
Park.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	6	4	.....	3 <sup>1</sup> / <sub>2</sub>	.....	.....	.....	.....	22
Ravalli.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	8 <sup>1</sup> / <sub>2</sub>	4	.....	2 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	.....	.....	.....	22 <sup>1</sup> / <sub>2</sub>
Silver Bow.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>2</sub>	.....	.....	1	.....	1 <sup>1</sup> / <sub>2</sub>	.....	.....	14
Sweet Grass.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	12	4	4	.....	1	.....	.....	.....	26 <sup>1</sup> / <sub>2</sub>
Teton.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>2</sub>	.....	.....	.....	1 <sup>1</sup> / <sub>2</sub>	.....	.....	1 <sup>1</sup> / <sub>2</sub>	21 <sup>1</sup> / <sub>2</sub>
Valley.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	2 <sup>1</sup> / <sub>2</sub>	.....	3 <sup>1</sup> / <sub>2</sub>	.....	2	.....	.....	26
Yellowstone.....	21 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	3	2 <sup>1</sup> / <sub>2</sub>	.....	1 <sup>1</sup> / <sub>2</sub>	.....	.....	22 <sup>1</sup> / <sub>2</sub>

+ B. and I. fund. † R. and B. fund.

TABLE NO. 60—FINANCIAL SUMMARIES BY STATE TREASURER—GENERAL FUND.

From Report of Frederick W. Wright, State Treasurer, Dec. 1, 1895.

Received from	First Quarter.	Second Quarter	Third Quarter.	Fourth Quarter	Totals.
Beaverhead County.....	\$ 8,833 63	\$ 691 51	\$ 599 68	\$ 1,365 26	\$ 11,490 08
Carbon.....	.....	.....	.....	343 96	343 96
Cascade.....	28,903 97	4,051 71	2,700 66	3,812 55	39,468 89
Choteau.....	8,955 07	1,689 55	653 06	931 00	12,228 68
Custer.....	12,599 83	1,050 60	1,279 46	1,120 26	16,050 15
Dawson.....	5,019 15	350 38	163 47	748 60	6,281 60
Deer Lodge.....	16,814 25	2,201 69	2,255 07	5,468 56	26,734 57
Fergus.....	8,979 00	1,020 49	615 24	455 77	11,070 44
Flathead.....	7,230 43	1,503 71	856 29	1,248 56	10,838 99
Gallatin.....	14,790 57	1,967 95	761 26	1,238 62	18,858 40
Granite.....	5,554 23	1,146 02	857 22	945 69	8,503 16
Jefferson.....	9,571 76	1,624 98	1,161 12	2,178 59	14,536 40
Lewis & Clarke.....	43,670 94	7,044 62	3,548 42	5,022 15	59,286 13
Madison.....	7,903 82	718 82	439 21	1,042 34	10,104 19
Meagher.....	9,643 97	1,368 02	660 57	862 24	12,534 80
Missoula.....	12,556 40	2,330 83	1,576 03	1,945 81	18,409 07
Park.....	10,666 78	1,727 79	678 57	1,407 42	14,480 56
Ravalli.....	5,058 89	894 47	501 54	824 29	7,279 19
Silver Bow.....	50,750 30	6,411 49	7,501 55	11,717 13	76,380 47
Sweet Grass.....	.....	.....	104 75	188 70	293 45
Teton.....	5,197 83	393 94	256 08	377 00	6,224 85
Valley.....	3,975 13	260 96	172 64	424 37	4,833 10
Yellowstone.....	9,515 69	1,004 59	738 13	1,166 67	12,425 08
Total from Counties.....	246,191 64	39,154 01	28,080 02	44,930 54	358,356 21

TABLE NO. 60—CONTINUED.

Received from	First Quarter.	Second Quarter	Third Quarter.	Fourth Quarter	Totals.
Secretary of State, Fees.....		\$ 1,001 35	\$ 3,654 60	\$ 3,544 55	\$ 8,200 50
State Auditor, ".....			4,718 00		4,718 00
Boiler Inspector ".....	428 00	324 50	2,011 50	1 535 50	4,299 50
Clerk Supreme Court, Fees.....	225 95	810 85	863 65	566 90	2,467 35
State Board of Pharmacy.....			130 65		130 65
Care and Keeping Insane.....	58 50	81 00	81 90		221 40
	712 45	2,217 70	11,460 30	5,646 95	20,037 40
Balance Dec. 1, 1894.....					18,437 06
Total.....	286,904 09	41,671 71	39,540 32	50,577 49	437,130 67
Warrants Paid.....	273,746 90	35,920 88	28,370 85	59,768 86	397,807 49
Interest Paid.....	6,587 23	7 03		312 97	6,907 23
Balance on hand.....					32,415 95
Total.....					\$437,130 67

TABLE NO. 61—LICENSES RECEIVED FROM COUNTY TREASURERS FOR 1895, BY QUARTERS. COMPARATIVE STATEMENT FOR 1895, 1894 AND 1893.

From Report of Frederick W. Wright, State Treasurer.

Counties.	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	Total, 1895.	Total, 1894.	Total, 1893.
Beaverhead.....	655 30	526 97	596 68	1,365 26	3,144 21	2,238 43	2,429 86
Carbon.....				343 96	343 96		
Cascade.....	2,671 36	2,096 02	2,683 93	3,775 86	11,227 17	8,768 69	9,657 14
Choteau.....	572 17	520 08	621 77	928 55	2,642 57	2,152 48	2,326 24
Custer.....	792 11	595 73	541 73	1,070 86	3,000 43	2,883 32	2,055 59
Dawson.....	193 25	171 75	136 75	418 58	920 33	559 37	1,001 13
Deer Lodge.....	2,295 98	1,902 41	2,223 22	5,460 79	11,882 40	9,501 64	14,549 52
Fergus.....	459 68	363 76	594 05	398 00	1,815 49	1,912 50	2,473 23
Flathead.....	783 25	822 06	778 69	1,224 43	3,608 43	2,193 20	1,582 56
Gallatin.....	751 96	815 01	751 06	1,296 96	3,654 99	2,787 59	3,546 75
Granite.....	514 27	897 30	857 22	945 69	3,214 48	1,806 84	2,142 33
Jefferson.....	797 43	1,014 01	1,356 51	2,040 37	5,208 32	2,857 14	3,368 46
Lewis and Clarke.....	4,075 58	3,812 00	3,539 30	5,022 15	16,448 93	14,242 79	17,636 24
Madison.....	667 58	523 23	429 28	1,021 64	2,641 83	2,346 41	2,016 58
Meagher.....	470 43	637 68	504 77	768 25	2,371 13	2,082 65	2,474 90
Missoula.....	1,424 58	1,589 19	1,378 56	1,904 00	6,296 33	5,332 81	8,977 95
Park.....	425 13	1,000 34	661 36	1,219 63	3,804 75	3,480 03	6,368 73
Ravalli.....	397 93	415 50	457 50	796 72	2,067 65	1,294 38	719 06
Silver Bow.....	5,865 46	3,912 40	6,226 14	11,689 81	27,693 81	18,188 75	24,518 59
Sweet Grass.....			104 75	158 70	263 45		
Teton.....	435 13	291 52	246 39	326 58	1,299 62		684 09
Valley.....	210 50	137 10	131 49	407 10	886 19	671 50	429 78
Yellowstone.....	863 30	622 82	710 12	1,152 93	3,349 17	3,088 53	3,145 47
Total.....	25,820 67	22,626 98	25,531 17	43,806 82	117,785 64	88,689 26	112,104 30

TABLE NO. 62—RECEIPTS AND EXPENDITURES FOR THE YEAR 1895.

Report of Frederick W. Wright, State Treasurer, Dec. 1, 1895.

Fund.	Balance on Hand Dec. 1, 1894.	Received During the Year.	Paid Out During the Year.	Balance on Hand Nov. 30, 1895.
Escheated Estates.....	\$ 23,249 37	\$ 2,026 82	\$ 19,502 99	\$ 5,773 20
Permanent School Fund.....	117,455 02	39,133 02	90 00	156,498 04
School Income Fund.....	31,206 22	18,043 85	1,277 60	47,972 47
University Income Fund.....	12,377 98	5,610 49	8,138 37	9,850 10
Normal School Bond Fund.....	1,560 00	1,050 58	288 68	2,321 90
Normal School Building Fund.....		15,000 00	15,000 00	
State Capitol Building Fund.....	4,908 99	1,192 23	1,356 00	4,745 22
Reform School Building Fund.....		9,600 00	8,053 42	1,546 58
Agricultural College Building Fund.....		30,000 00	30,000 00	
Agricultural College Bond Fund.....		273 15	96 18	176 97
Agricultural College (from U. S.).....		21,000 00	21,000 00	
General Fund.....	18,437 06	418,693 61	404,714 72	32,415 95
Stock Ins. and Det. Fund.....	1,383 24	14,125 31	15,155 00	353 55
Stock Indemnity Fund.....	2,931 70	1,769 14	2,218 90	2,481 94
Sheep Insp. and Indemnity Fund.....	6,087 70	84 71	496 00	5,676 41
State Bounty Fund.....		13,871 53	13,869 00	2 53
Beautifying State Capitol Grounds.....		3,220 00		3,220 00
	\$219,597 28	\$594,694 44	\$541,256 86	\$273,034 86

**TABLE NO. 63—COMPARATIVE STATEMENT OF RECEIPTS FOR 1894 AND 1895, IN THE GENERAL FUND.**

From Report of Frederick W. Wright, State Treasurer.

Counties.	1894	1895	Increase.	Decrease.
Beaverhead .....	11,547 33	11,490 08	.....	57 25
Carbon .....	.....	343 96	.....	343 96
Cascade .....	40,448 01	39,468 89	.....	979 12
Choteau .....	11,429 27	12,228 68	799 41	.....
Custer .....	17,234 54	16,050 15	.....	1,184 39
Dawson .....	5,656 39	6,281 60	625 21	.....
Deer Lodge .....	22,051 72	26,734 57	4,682 85	.....
Fergus .....	13,347 20	11,070 44	.....	2,276 76
Flathead .....	11,067 54	10,838 99	.....	228 55
Gallatin .....	18,672 32	18,858 40	186 08	.....
Granite .....	9,332 75	8,503 16	.....	829 59
Jefferson .....	13,057 59	14,536 40	1,478 81	.....
Lewis and Clarke .....	62,351 96	59,286 13	.....	3,065 83
Madison .....	10,321 41	10,104 19	.....	217 22
Meagher .....	13,887 41	12,534 80	.....	1,352 61
Missoula .....	18,311 97	18,409 07	97 10	.....
Park .....	16,466 96	14,480 56	.....	1,986 40
Ravalli .....	6,322 11	7,279 19	957 08	.....
Silver Bow .....	61,732 03	76,380 47	14,648 44	.....
Sweet Grass .....	.....	293 45	293 45	.....
Teton .....	6,236 33	6,224 85	.....	11 48
Valley .....	4,815 67	4,833 10	.....	17 43
Yellowstone .....	13,094 25	12,425 08	.....	669 17
Total from Counties .....	387,344 76	398,656 21	24,112 39	12,800 94
Fees of State Officers .....	18,774 50	19,816 00	1,041 50	.....
Care and Keeping Insane .....	.....	221 40	221 40	.....
Totals .....	406,119 26	418,693 61	25,375 29	.....
Total Increase .....	.....	12,574 35	12,574 35	.....
Increase from Counties .....	.....	.....	11,312 45	.....

**TABLE NO. 64—STATEMENT SHOWING BONDED INDEBTEDNESS OF THE STATE THE LAND GRANTS, COUNTIES AND SCHOOL DISTRICTS, JAN. 1, 1896.**  
(Includes all Bonded Debts except those of Towns and Cities.)

STATE OF MONTANA.....	No BONDED DEBT.
"STATE LAND GRANT BONDS AND WARRANTS."	Amount. Rate of Int.
Agricultural College Bonds.....	\$100,000 —(6 per cent.
Normal School Bonds.....	50,000 —(6 " "
State Capitol Building Warrants.....	90 00—(7 " "
State Deaf and Dumb Asylum Warrants.....	226 00—(7 " "
State School of Mines Warrants.....	none—(7 " "
State Reform School Warrants.....	6,521 00—(7 " "

**COUNTY AND SCHOOL DISTRICT BONDS.**

COUNTY BONDS.					(a) SCHOOL DIST. BONDS	
County.	Funding* and Refunding.	Court House Bridges, etc.	Total Issue.	Interest Rate.	Total Issues.	Interest Rate.
	Dollars.	Dollars.	Dollars.	Per. cent.	Dollars.	Per. cent.
Beaverhead.....	40,000	C. H. 40,000	80,000	6 & 7	12,000	6
Cascade .....	210,000	" Br. 130,000	340,000	6 & 7	162,000	6 & 7
Carbon .....	46,000	.....	46,000	6	4,000	7
Choteau .....	108,000	C. H. 18,500	126,500	6 & 7	7,000	6
Custer .....	274,000	.....	274,000	6—	10,000	6
Dawson .....	61,000	Br. 39,000	100,000	6 & 7	1,500	8
Deer Lodge .....	150,000	.....	150,000	5	88,700	6-7
Flathead .....	100,000	.....	100,000	6	31,500	6-7
Fergus .....	103,000	.....	103,000	6—	12,700	7—
Gallatin .....	95,000	.....	95,000	6	77,200	6—
Granite (no bonds) .....	.....	.....	.....	.....	30,000	6—
Jefferson .....	135,500	C. H. 40,000	175,500	6—	37,700	6-7
Lewis & Clarke .....	.....	" 190,000	190,000	5½	277,750	5-6-7
Madison .....	100,000	.....	100,000	5½	4,000	7—
Meagher .....	188,000	.....	188,000	6-7	22,600	6-7
Missoula .....	244,850	Tail 13,000	257,850	5-6-7	57,500	6-7
Ravalli .....	75,000	.....	75,000	6—	6,000	6-7
Park .....	200,000	.....	200,000	6-7	29,500	7
Sweet Grass .....	85,000	.....	85,000	6—	5,000	7
Silver Bow .....	.....	C. H. 25,000	125,000	5—	100,000	5 & 6
Teton .....	60,000	.....	60,000	6—	10,000	6—
Valley .....	67,000	.....	67,000	7	(none)	.....
Yellowstone .....	150,000	.....	150,500	6-7	20,150	6-7
Totals .....	\$2,492,850	\$595,500	\$3,088,350	.....	\$1,006,800	.....

## RECAPITULATION.

State Bonds .....	None.
Land Grant Bonds.....	\$ 150,000
County Bonds.....	3,088,350
School District Bonds.....	1,006,800
Total.....	\$4,245,150

\* A large amount of the bonds designated "Funding and Refunding Bonds" include warrants originally issued for building Bridges, Court Houses, Jails and Roads, and acquiring poor farms, which warrants were afterwards funded into Bonds.

(a) These bonds were issued for building School Houses.

TOTAL NET INDEBTEDNESS OF THE SEVERAL COUNTIES OF THE STATE, FEBRUARY  
28TH, 1892, 1893, 1894, 1895.

Counties.	Debt Feb. 28, 1892.	Debt Feb. 28, 1893.	Debt Feb. 28, 1894.	Debt Feb. 28, 1895.
Beaverhead .....	\$ 71,749 62	\$ 64,033 98	\$ 72,813 84	\$ 50,562 34
Cascade .....	236,092 80	279,596 67	260,373 39	237,707 99
Choteau .....	134,936 26	141,243 35	140,019 41	156,173 09
Custer .....	195,967 19	214,891 98	223,892 51	235,654 78
Dawson .....	87,558 38	76,703 91	51,978 53	54,756 27
Deer Lodge .....	88,230 34	49,493 46	109,988 32	165,533 45
Fergus .....	48,225 18	72,701 30	79,944 82	82,915 61
Flathead (1) .....	.....	.....	95,333 02	135,587 54
Gallatin .....	76,062 33	76,329 11	95,667 04	115,398 56
Granite (2) .....	.....	.....	37,837 84	54,834 59
Jefferson .....	147,819 02	163,973 97	162,138 90	151,363 55
Lewis and Clarke .....	91,641 98	123,631 80	119,425 92	184,904 21
Madison .....	86,130 70	79,822 30	79,061 50	77,055 30
Meagher .....	132,443 83	165,173 90	178,915 63	177,399 17
Missoula .....	303,657 32	402,664 73	289,964 31	327,455 34
Park .....	98,020 00	118,186 94	180,236 23	198,804 00
Ravalli (3) .....	.....	.....	78,850 34	89,982 62
Silver Bow .....	58,796 50	42,381 55	106,053 22	102,265 83
Teton (4) .....	.....	.....	35,787 57	56,115 07
Valley (5) .....	.....	.....	60,581 35	78,641 59
Yellowstone .....	128,378 64	126,734 88	126,046 42	123,942 91
Total.....	\$1,985,720 09	\$2,197,563 83	\$2,584,910 11	\$2,856,053 71

1, Organized March 1, 1893. 2, Organized March 2, 1893. 3, Organized April 1, 1893. 4, Organized March 1, 1893. 5, Organized March 1, 1893.

Note—The State Constitution limits the aggregate indebtedness which may be incurred by the State to \$100,000, except in case of war or to suppress insurrection, unless the law authorizing it shall first have been submitted to and approved by the people at a general election. The levy of taxation for State purposes is limited to 2½ mills.

The State Constitution also provides that "No County shall be allowed to become indebted in any manner, or for any purpose, to an amount, including existing indebtedness, in the aggregate, exceeding five (5) per centum of the value of the taxable property therein, to be ascertained by the last assessment for State and County taxes previous to the incurring of such indebtedness, and all bonds or obligations in excess of such amount given by or on behalf of such County shall be void." This is held not to affect those cases where by the division of Counties debt in excess of that proportion is devolved on the parent County.

# Meteorological Record of Montana.

## OBSERVATIONS OF THE UNITED STATES WEATHER BUREAU 1895.

(The following tables were prepared for this Bureau by the officers of the U. S. Weather Bureau at Helena. Temperature is expressed in degrees; precipitation is expressed in inches and hundredths.

**TABLE NO. 65—HIGHEST AND LOWEST TEMPERATURE FOR EACH MONTH AT MONTANA STATIONS FOR 1895.**

Stations.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug	Sept	Oct.	Nov	Dec.	Yearly Extremes.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
Big Timber.....	51	-32	..	..	..	85	33	95	37	97	39	..	97 Aug. 12	-6 Nov. 22
Billings.....	51	-32	59	-26	78	..	102	42	101	40	..	..	102 July 2	-32 Jan. 27
Boulder.....	47	-21	61	-24	64	-11	73	30	89	37	89	37	89 Aug. 3	-24 Feb. 12
Bozeman.....	46	-19	57	-32	69	-10	71	15	76	32	54	-6	90 July 2	-32 Feb. 13
Butte.....	45	-20	58	-19	61	-11	70	17	74	23	..	..	87 July 2	-20 Jan. 27
Chinook.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Choteau.....	54	-22	66	-26	74	-15	79	19	88	35	..	..	106 July 31	-26 Feb. 6 a
Cokedale.....	46	-20	63	-20	65	-18	75	17	76	32	..	..	105 July 2	-20 Feb. 10
Columbia Falls.....	43	-20	52	-19	58	-5	79	16	76	32	..	..	97 Aug. 3	-20 Jan. 26
Deer Lodge.....	57	-33	59	-28	73	-11	79	16	76	32	..	..	..	..
Dillon.....	39	-26	55	-18	67	-11	75	14	..	..	..	..	..	..
Fort Benton.....	72	-32	62	-45	68	-32	76	10	74	20	..	..	98 July 3	-45 Feb. 6 b
Fort Custer.....	43	-30	54	-37	69	-13	80	24	74	20	..	..	101 July 3	-37 Feb. 7
Fort Keogh.....	47	-30	62	-27	77	-9	79	30	74	31	..	..	103 Aug. 12	-37 Feb. 15
Fort Logan.....	46	-24	58	-28	67	-25	72	9	74	20	..	..	92 July 2	-28 Feb. 12 c
Fort Missoula.....	45	-19	60	-20	67	-22	72	9	74	20	..	..	94 Aug. 4	-20 F. b. 13
Glasgow.....	41	-33	54	-35	73	-17	71	9	74	20	..	..	103 Aug. 12	-35 Feb. 13
Glendive.....	38	-20	53	-30	81	-12	83	24	57	17	..	..	107 Aug. 7	-30 Feb. 7
Grantsdale.....	..	..	..	..	..	..	..	..	..	..	..	..	105 July 23	..
Great Falls.....	60	-22	64	-27	70	-10	79	23	..	..	..	..	97 Aug. 5	-27 Feb. 13
Haure.....	44	-26	55	-34	72	-16	80	30	62	..	..	..	96 Aug. 3	-34 Feb. 26
HELENA.....	51	-15	65	-17	69	-10	75	24	31	..	..	..	94 July 2	-17 Feb. 12
Hogan.....	47	-35	58	-23	68	-11	73	24	..	..	..	..	18 Aug. 5	-23 Feb. 6
Kipp.....	47	-35	58	-23	68	-11	73	24	..	..	..	..	95 June 29	-40 Feb. 6
Libby.....	..	..	..	..	..	..	..	..	..	..	..	..	107 July 23	..
Livingston.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Manhattan.....	..	..	..	..	..	..	..	..	..	..	..	..	95 July 3	..
Martinsdale.....	50	-23	57	-26	71	-12	74	17	74	21	..	..	100 July 2	-26 Feb. 26
Mayesville.....	50	-13	58	-20	64	-12	72	18	76	27	..	..	88 Aug. 5	-20 Feb. 6
Miles City.....	41	-26	62	-32	77	-8	79	24	82	32	..	..	101 Aug. 12	-32 Feb. 27
Musselshell.....	..	..	..	..	..	..	..	..	..	..	..	..	108 July 3	-40 Feb. 12
Poplar.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Radersburg.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Red Lodge.....	49	-20	52	-22	60	-21	..	..	..	..	..	..	..	..
Sun River.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Troy.....	44	10	50	..	..	..	..	..	..	..	..	..	102 June 25	-2 Mar. 13
Utica.....	53	-20	66	-27	71	-16	75	19	82	30	..	..	101 July 3	-57 Feb. 6
Virginia City.....	45	-15	56	-14	64	-6	71	12	76	24	..	..	89 July 2	-15 Jan. 27
White Sul. Springs.....	48	-27	78	-21	85	-15	71	11	73	27	..	..	90 July 3	-21 Feb. 11
Wibaux.....	53	-16	68	-35	80	-18	82	32	85	30	..	..	106 Sept. 1	-35 Feb. 7
Yale.....	..	..	..	..	..	..	..	..	..	..	..	..	98 July 3	..
Highest and lowest for State.....	72	-35	78	-57	85	-28	86	7	94	17	106	21	108	-57

a Also Feb. 7 and 13; b, also Feb. 14; c, also Feb. 13 and 14, Mar. 14 and Dec. 17.

**TABLE NO. 66—MONTHLY MEAN TEMPERATURE FOR 1895.**

Stations.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An. Mean
Big Timber.....	..	..	..	..	..	59.0	67.7	67.0	55.8	49.7	35.2	30.3	**
Billings.....	17.2	17.3	36.6	59.0	58.0	60.9	70.1	71.8	61.4	52.2	35.4	25.6	47.2
Boulder.....	17.2	22.5	29.8	44.5	49.2	52.9	62.0	61.8	50.2	43.4	30.8	..	..
Bozeman.....	19.6	19.2	31.2	45.0	50.9	54.8	64.2	62.8	51.5	43.7	28.9	21.1	41.1
Butte.....	18.4	22.2	28.4	42.4	47.8	51.8	61.0	63.2	49.0	45.7	29.2	20.6	40.0
Chinook.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Choteau.....	14.0	19.6	32.0	48.0	52.2	56.7	64.6	63.5	51.8	50.4	35.6	26.6	42.9
Cokedale.....	18.6	23.9	30.9	45.5	49.6	54.4	63.2	64.6	51.2	45.7	31.6	26.8	42.2
Columbia Falls.....	20.4	26.0	32.4	45.5	52.7	54.8	62.9	61.6	..	..	30.5	23.5	..
Deer Lodge.....	18.0	21.6	30.2	44.8	48.8	..	..	..	..	..	30.0	21.0	..
Dillon.....	14.0	23.2	30.2	44.1	..	..	..	..	..	43.9	28.2	21.4	..
Fort Benton.....	22.9	22.2	35.2	46.8	53.4	57.5	65.4	65.1	54.0	46.5	32.2	26.4	44.0
Fort Custer.....	9.8	9.9	29.2	49.6	54.1	58.6	70.8	71.3	58.8	49.3	33.6	24.2	43.3



TABLE NO. 66—CONTINUED.

Stations.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An. Mean
Fort Keogh.....	8.6	10.0	32.0	49.5	54.3	61.0	70.0	70.0	56.8	45.0	27.9	23.0	42.3
Fort Logan.....	15.0	19.0	27.8	40.4	46.3	52.4	66.1	58.4	47.4	41.4	30.4	18.8	38.1
Fort Missoula.....	16.4	24.0	32.6	44.2	50.2	54.6	62.8	62.4	51.2	43.6	31.2	23.0	31.1
Glasgow.....	Zero	8.0	28.2	50.0	54.2	60.2	72.6	66.3	53.6	43.4	20.7	13.8	39.2
Glendive.....	4.6	10.7	30.0	51.4	57.0	63.1	72.6	70.7	58.6	45.9	26.6	21.6	42.7
Grantsdale.....						64.1	65.4	63.4	44.5	39.7	33.4		
Great Falls.....	19.8	23.0	34.6	49.4	52.0	59.3	66.6	66.4	56.4	55.4	37.8	28.0	45.7
Havre.....	1.3	10.5	30.5	47.9	52.6	58.2	65.5	64.3	52.8	45.0	28.0	21.2	39.8
HELENA.....	17.2	20.8	32.4	47.4	52.0	56.6	65.7	66.1	52.5	47.3	32.4	23.6	42.8
Hogan.....	16.9	20.6	30.6	47.0	50.4	53.4	63.0	60.2	50.2	49.0	32.3	26.5	41.7
Kipp.....	10.0	16.1	32.2		47.8	53.7	59.8	56.8	46.4	42.4	28.8	30.0	
Libby.....						61.6	68.0	63.2	52.5	48.0	36.2	25.8	
Livingston.....													
Manhattan.....				49.6	50.8	56.5	62.6	62.2	50.5	41.8	30.2	19.6	
Martinsdale.....	18.2	21.0	32.2	47.2	51.1	56.8	63.8	61.9	50.3	45.4	33.0	24.1	42.1
Marysville.....	18.4	20.8	28.3	44.0	48.0	51.9	61.7	63.4	48.9	46.0	29.8	22.9	40.3
Miles City.....	7.4	11.8	32.3	51.0	54.8	60.6	71.2	69.2	48.9	47.5	28.9	23.0	42.2
Musselshell.....		36.6	32.0	46.8	53.0	54.8	70.2	64.8			29.8		
Poplar.....					52.6	60.8	70.7	65.8	52.0	39.6		23.3	
Radersburg.....						73.5			63.6		34.5	29.8	
Red Lodge.....	19.8	16.8	24.6								30.0	21.8	
Sun River.....			30.8	45.4	52.0	57.8	63.7	61.7	52.1	45.9	32.2	26.2	
Troy.....	28.6	30.1	28.5	47.5	57.4	66.9	67.8	62.6	51.0	46.0	35.2	28.3	45.8
Utica.....	18.8	20.7	30.2	48.4	51.8	55.6	63.8	66.0	50.7	46.2	32.3	25.5	42.5
Virginia City.....	19.0	23.6	28.9	43.8	49.0	53.0	62.8	63.2	51.0	44.7	28.4	20.8	40.7
White Sulphur Springs.....	18.4	20.3	28.2	42.6	49.6	53.5	58.6	60.6	51.6	44.2	31.0	24.8	40.3
Wibaux.....	10.4	18.2	34.1	52.2	54.7	59.5	69.6	69.8	60.6	47.1	30.0	24.2	44.2
Yale.....				44.4	50.0	54.1	62.6	63.1	51.5	44.4	31.7	25.6	
Average for State.....	15.4	19.9	32.6	47.0	52.0	57.0	65.5	63.5	53.1	45.7	31.3	26.7	41.8

\*\* Annual Mean given only where observations taken every month.

TABLE NO. 67—TOTAL MONTHLY AND ANNUAL PRECIPITATION FOR 1895.

Stations.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An. Mean
Big Timber.....						4.69	0.50	1.38	1.14	0.28	1.34	0.36	
Billings.....	1.95	0.35	0.74	2.10	0.55	3.08	0.51	1.51	0.22	2.20	1.20	0.22	14.63
Boulder.....	0.49	0.17	0.03	0.38	0.73	2.90	0.74	0.06	0.81	0.46	0.01		
Bozeman.....	1.33	0.27	1.10	1.18	2.36	3.27	0.97	0.57	2.95	0.44	2.22	1.50	18.16
Butte.....	0.93	0.14	0.27	0.25	1.09	0.85	1.07	0.19	1.19	0.17	0.31	0.49	6.95
Chinook.....													
Choteau.....	1.61	1.85	1.05	0.24	0.42	3.06	1.04	0.39	0.75	0.30	1.40	0.90	13.01
Cokedale.....	2.70	2.25	2.20	1.11	1.10	2.10	0.76	1.15	4.50	0.39	2.96	1.35	22.57
Columbia Falls.....	2.05	0.52	0.81	0.41	2.49	1.30	1.94	0.21	3.26	0.26	1.73	0.24	15.22
Deer Lodge.....	2.06	0.59	0.62	0.51	0.64						0.02	0.11	
Dillon.....	0.40	0.01	0.21	0.67						T	0.80	0.40	
Fort Benton.....	0.42		0.40	1.60	1.14	2.03	2.56	0.20	0.59	0.04	0.70	0.19	
Fort Custer.....	1.67	1.09	1.66	0.54	0.50	3.12	0.60	1.25	0.95	0.85	1.61	0.36	14.20
Fort Keogh.....	0.78	1.40	0.20	1.62	1.50	3.47	0.27	0.39	1.56	0.80	1.10	0.18	13.27
Fort Logan.....	0.32	0.21	0.37	1.99	0.97	1.23	1.08	0.22	1.96	0.55	0.46	0.47	9.83
Fort Missoula.....	1.54	0.22	0.19	0.35	1.06	1.19	1.51	0.23	1.04	0.16	0.58	1.52	9.59
Glasgow.....	0.84	0.97	0.20	0.42	1.18	2.49	0.40	0.54	0.44	0.30	0.98	1.25	10.01
Glendive.....	0.60	0.70	0.50	1.04	2.00	5.65	1.84	0.20	0.10	0.22	1.30	0.90	15.05
Grantsdale.....						0.12	0.80	0.12	0.84	0.02	0.16		
Great Falls.....	0.74	0.53	0.11	1.00	0.21	2.24	0.76	0.20	0.02	0.10	0.59	0.23	6.73
Havre.....	1.06	0.91	0.34	0.62	0.43	3.36	2.34	0.04	1.05	0.12	0.47	0.30	10.94
HELENA.....	1.95	1.69	0.29	0.53	0.87	1.30	1.18	0.14	0.57	0.28	0.77	1.12	10.69
Hogan.....	1.62	1.80	0.70	0.25	0.68	4.36	1.04	1.00	0.39	0.64	1.00	1.10	14.58
Kipp.....	1.16	1.40	0.65	0.90	1.13	4.27	2.18	0.04	1.24	1.70	0.40	0.97	16.05
Libby.....						0.14	0.71	0.10	1.80	0.39	1.04	2.78	
Livingston.....													
Manhattan.....				0.14	1.14	0.79	0.53	0.55	2.05	0.14	0.81	0.50	
Martinsdale.....	1.62	1.03	1.12	0.76	0.38	1.07	1.38	1.02	2.17	T	0.79	0.32	11.66
Marysville.....	1.54	0.94	0.42	0.36	1.48	2.87	0.65	0.42	0.97	0.63	1.01	1.81	13.10
Miles City.....	0.80	0.64	0.24	1.31	1.59	4.40	0.64	0.39	0.30	0.89	0.77	0.77	12.74
Musselshell.....			0.15	T			0.08				1.01		
Poplar.....					0.69	2.30	1.01	0.39	0.28	0		0.40	
Radersburg.....	0.53			0.24	0.42	1.57			1.75		T	2.50	
Red Lodge.....	1.65	1.18	1.55								3.00	0.45	
Sun River.....			0.40	0.90	0.53	1.76	1.43	0.32	0.45	T	0.49	0.62	
Troy.....	2.59	0.74	0.42	1.31	2.53	0.60	1.73	1.23	2.46	0.59	1.52	2.20	16.92
Utica.....	0.51	T	0.15	0.75	0.39	3.76	1.31	0	0.45	0	0.80	0.52	8.64
Virginia City.....	0.99	0.06	1.03	0.94	1.42	2.12	1.00	0.83	2.04	0.19	0.76	1.28	12.66
White Sulphur Springs.....	0.51	0.17	0.13	0.96	0.45	0.99	0.70	1.90	0.90	0.15	0.90	1.10	8.86
Wibaux.....	0.77	0.45	0.05	0.94	1.74	5.54	2.33	0.89	0.15	0.15	0.80	0.14	13.85
Yale.....				1.51	0.59	1.34	0.33	0.93	0.80	T	0.60	0.32	
Average for State.....	1.26	0.72	0.58	0.80	1.00	2.67	1.08	0.54	1.13	0.34	0.92	0.79	12.80

TABLE NO. 68—CLEAR, PARTLY CLOUDY, CLOUDY AND RAINY DAYS.

Stations.	Months.												Total Rainy Days																	
	January.			February.			March.			April.			May.	June.	July.	August.			Sept.	October.	Nov.	Dec.	Total Clear Days	Total P. Cl. Days	Total C'ly Days					
	Rainy ...	Cloudy ...	P. Cloudy ...	Rainy ...	Cloudy ...	P. Cloudy ...	Rainy ...	Cloudy ...	P. Cloudy ...	Rainy ...	Cloudy ...	P. Cloudy ...				Rainy ...	Cloudy ...	P. Cloudy ...								Rainy ...	Cloudy ...	P. Cloudy ...	Rainy ...	Cloudy ...
Big Timber.....	18	0	13	2	23	3	2	18	8	5	5	5	4	18	6	4	16	8	14	10	16	3	5	15	5	106	63	57		
Billings.....	6	13	17	3	10	12	6	10	16	3	8	21	4	6	4	16	8	14	10	16	3	5	15	5	106	63	57			
Boulder.....	14	6	11	8	23	0	5	21	1	9	5	18	6	4	21	1	9	5	20	2	8	19	8	4	23	108	47	74		
Bozeman.....	6	14	11	12	11	3	3	13	14	4	3	10	12	9	6	8	16	6	10	14	15	2	5	19	8	145	145	74		
Butte.....	3	18	8	5	5	5	4	9	18	4	6	23	2	3	2	3	5	15	9	6	10	16	3	5	15	155	68	106		
Chenook.....	3	18	8	5	5	5	4	9	18	4	6	23	2	3	2	3	5	15	9	6	10	16	3	5	15	155	68	106		
Cokeville.....	6	13	17	3	10	12	6	10	16	3	8	21	4	6	4	16	8	14	10	16	3	5	15	5	106	63	57	106		
Columbia Falls.....	6	13	17	3	10	12	6	10	16	3	8	21	4	6	4	16	8	14	10	16	3	5	15	5	106	63	57	106		
Deer Lodge.....	7	6	4	3	16	10	2	1	10	16	5	3	13	1	6	10	16	3	8	21	4	6	23	2	3	128	137	91		
Dillon.....	3	18	8	5	5	5	4	9	18	4	6	23	2	3	2	3	5	15	9	6	10	16	3	5	15	155	68	106		
Fort Benton.....	3	18	8	5	5	5	4	9	18	4	6	23	2	3	2	3	5	15	9	6	10	16	3	5	15	155	68	106		
Fort Custer.....	3	18	8	5	5	5	4	9	18	4	6	23	2	3	2	3	5	15	9	6	10	16	3	5	15	155	68	106		
Fort Keogh.....	3	18	8	5	5	5	4	9	18	4	6	23	2	3	2	3	5	15	9	6	10	16	3	5	15	155	68	106		
Fort Logan.....	3	18	8	5	5	5	4	9	18	4	6	23	2	3	2	3	5	15	9	6	10	16	3	5	15	155	68	106		
Fort Missoula.....	3	18	8	5	5	5	4	9	18	4	6	23	2	3	2	3	5	15	9	6	10	16	3	5	15	155	68	106		
Glasgow.....	1	25	5	9	15	4	11	20	0	1	14	12	4	2	10	15	6	9	10	16	3	5	15	5	10	155	68	106		
Glenview.....	12	7	6	8	13	5	3	14	8	9	4	14	12	4	10	13	9	6	9	10	16	3	5	15	5	106	63	57	106	
Grand-le.....	0	9	22	12	1	5	32	8	18	7	6	30	6	4	5	9	13	9	12	10	16	3	5	15	5	106	63	57	106	
Great Falls.....	6	14	11	17	9	6	13	8	10	12	8	9	15	6	4	11	18	8	10	16	3	5	15	5	10	155	68	106	106	
Hayden.....	7	9	13	16	14	5	9	15	7	5	17	5	8	12	11	6	14	10	16	3	5	15	5	10	155	68	106	106		
HELENA.....	6	7	18	8	12	9	7	18	4	9	3	19	6	5	3	13	14	10	16	3	5	15	5	10	155	68	106	106		
Helena.....	12	11	8	7	9	10	9	4	8	4	5	1	4	1	4	3	10	15	6	9	10	16	3	5	15	155	68	106	106	
Kipp.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Libby.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Livingston.....	8	13	10	11	11	14	3	4	11	14	6	6	3	11	6	9	12	10	16	3	5	15	5	10	155	68	106	106		
Manhattan.....	5	19	7	16	13	12	8	11	17	3	8	10	16	4	4	10	19	8	11	15	6	9	12	2	3	136	101	70	136	
Martinsdale.....	11	14	13	8	11	9	5	19	6	5	13	13	4	6	11	16	9	12	10	16	3	5	15	5	10	155	68	106	106	
Marysville.....	13	2	13	2	13	2	13	2	13	2	13	2	13	2	13	2	13	2	13	2	13	2	13	2	13	2	136	101	70	136
Miles City.....	13	2	13	2	13	2	13	2	13	2	13	2	13	2	13	2	13	2	13	2	13	2	13	2	13	2	136	101	70	136
Musselshell.....	14	4	13	7	18	4	6	2	22	7	5	18	7	5	18	7	5	18	7	5	18	7	5	18	7	5	136	101	70	136
Poplar.....	14	4	13	7	18	4	6	2	22	7	5	18	7	5	18	7	5	18	7	5	18	7	5	18	7	5	136	101	70	136
Radersburg.....	14	4	13	7	18	4	6	2	22	7	5	18	7	5	18	7	5	18	7	5	18	7	5	18	7	5	136	101	70	136
Red Lodge.....	14	4	13	7	18	4	6	2	22	7	5	18	7	5	18	7	5	18	7	5	18	7	5	18	7	5	136	101	70	136
San River.....	14	4	13	7	18	4	6	2	22	7	5	18	7	5	18	7	5	18	7	5	18	7	5	18	7	5	136	101	70	136
Trova.....	23	0	8	2	19	9	0	26	0	1	23	5	2	26	0	1	23	5	2	26	0	1	23	5	2	26	136	101	70	136
Ureca.....	23	0	8	2	19	9	0	26	0	1	23	5	2	26	0	1	23	5	2	26	0	1	23	5	2	26	136	101	70	136
Virginia City.....	7	17	6	13	8	9	11	8	3	11	7	5	23	11	6	10	17	13	9	12	10	16	3	5	15	155	68	106	106	
White Sulphur Springs.....	7	17	6	13	8	9	11	8	3	11	7	5	23	11	6	10	17	13	9	12	10	16	3	5	15	155	68	106	106	
Wilda.....	7	17	6	13	8	9	11	8	3	11	7	5	23	11	6	10	17	13	9	12	10	16	3	5	15	155	68	106	106	
Yale.....	10	10	11	10	13	8	7	5	14	10	7	4	16	8	6	4	13	11	7	10	16	3	5	15	5	10	155	68	106	106
Mean.....	10	10	11	10	13	8	7	5	14	10	7	4	16	8	6	4	13	11	7	10	16	3	5	15	5	10	155	68	106	106

LATE AND EARLY FROSTS, 1895—Following are the dates of the last frost of Spring and the first frost of Autumn, at Stations of the U. S. Weather Bureau in Montana as reported for the year 1895.

Stations.	Last Kill- ing Frost Spring.	Tem- ture	First Kill- ing Frost Autumn.	Tem- ture	Stations.	Last Kill- ing Frost Spring.	Tem- ture	First Kill- ing Frost Autumn.	Tem- ture
	Date.	Deg	Date.	Deg		Date.	Deg	Date.	Deg
Big Timber.....	June 8....	33	Sept. 5....	35	Helena .....	June 9....	24	Sept. 20....	32
Billings.....	May 19....	32	" 6....	37	Kipp .....	" 16....	24	Aug. 10....	32
Boulder.....	June 10....	32	" 6....	29	Libby .....	" 14....	29	" 14....	26
Bozeman.....	" 9....	32	Aug. 9....	32	Livingston.....	N. R.	..	N. R.	..
Butte.....	" 16....	32	Sept. 6....	27	Manhattan.....	June 12....	32	Aug. 9....	32
Chinook.....	N. R.	..	N. R.	..	Martinsdale.....	" 10....	31	" 10....	32
Choteau.....	June 9....	32	Sept. 6....	24	Marysville.....	" 9....	30	Sept. 5....	36
Cokedale.....	July 10....	32	Aug. 9....	32	Miles City.....	" 9....	35	" 7....	34
Columbia Falls.....	June 13....	28	" 9....	31	Musselshell.....	" 16....	31	Aug. 9....	31
Deer Lodge.....	" 10....	28	N. R.	..	Poplar .....	" 8....	31	Sept. 7....	28
Dillon.....	N. R.	..	"	..	Pony .....	May 16....	45	" 20....	27
Fort Benton.....	June 9....	20	Sept. 7....	27	Radersburg.....	N. R.	..	N. R.	..
Fort Custer.....	" 9....	33	" 7....	32	Red Lodge.....	"	..	"	..
Fort Keogh.....	" 9....	34	" 7....	30	Sun River.....	June 9....	30	Aug. 25....	30
Fort Logan.....	July 20....	31	Aug. 10....	30	Toston .....	N. R.	..	Sept. 15....	30
Fort Missoula.....	June 16....	31	Sept. 6....	29	Troy .....	May 30....	32	Aug. 14....	31
Glasgow.....	May 19....	32	" 6....	30	Utica.....	June 9....	24	Sept. 11....	32
Glendive.....	" 20....	31	" 22....	25	Virginia City.....	" 17....	32	" 6....	29
Grantsdale.....	N. R.	..	Aug. 16....	29	White Sul. Springs.....	July 8....	32	Aug. 4....	32
Great Falls.....	May 29....	31	" 14....	44	Wibaux.....	June 2....	33	Sept. 7....	29
Havre.....	" 29....	31	" 27....	..	Yale.....	" 11....	32	Aug. 10....	32
Hogan.....	June 10....	30	Sept. 6....	20					

## Laws of Special Interest to Wage Earners.

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(In the First Annual Report of this Bureau, 1893, were published a number of laws of special interest to Wage Earners, including the Mine and Boiler Inspection and Coal Mining Acts. As those remain unchanged they are not reproduced here, but a number of Laws or sections of general interest, enacted in the Codes, some of them new or amended, are assembled and presented here where they will be readily accessible to Wage Earners in the Libraries of Organized Labor.

### FREE PUBLIC EMPLOYMENT OFFICE.

Amendment enacted February 27, 1895 to Section 765 of Political Code—Relating to Bureau of Agriculture, Labor and Industry.

Sec. 765. The Commissioner may employ such assistants and incur such expense as may be necessary in the discharge of the official duties of said bureau, provided such expense, including pay of Commissioner, chief clerk and assistants, shall not exceed the amount appropriated therefor in each year, and it shall be the further duty of said Commissioner within thirty days after the passage of this Act, to establish and maintain in connection with the said Bureau, a Free Public Employment Office. Said Commissioner shall receive all applications for help made to him by any person, company or firm, and all applications made to him for employment by any person or persons, and record their names in a book kept for that purpose, designating opposite the name of each person the kind and character of help wanted, or the kind and character of employment desired, and post office address of the applicant.

It shall be the duty of said Commissioner to send by mail to all applicants for help the name and post office address of all applicants for employment, and such other information as he may possess that may bring to their notice the names and post office addresses of such unemployed laborers, mechanics, artisans, or teachers as they may require. No compensation or fee whatsoever shall, directly or indirectly, be charged or received from any person or persons applying for help, or from any person or persons applying for employment to said office. Said Commissioner or any clerk or other person in his employ, charging or receiving any compensation or fee from any applicant for employment whomsoever, as provided in this act, shall be deemed guilty of a misdemeanor, and upon conviction shall be fined in any sum not exceeding one hundred dollars, or imprisonment not exceeding thirty days. Any application for help, or any application for employment made to said office, shall be void after thirty days from its receipt by said Commissioner, unless renewed by the applicant. Every applicant for help shall notify said Commissioner by mail within three days after the required help designated in his or her application has been secured. Said notice shall contain the name and the last preceding post office address of each employe secured through said employment office; and any refusal or failure by any applicant for help to so notify said Commissioner shall thereafter bar the applicant from all further rights and privileges of said employment office, at the discretion of said Commissioner.

Applicants for help shall be construed to mean employers wanting employes, and applicants for employment shall be construed to mean persons wanting work to do.

It shall be lawful for the common council of any incorporated city within this State to provide by ordinance for the establishment of a Free Public Employment Office to be

conducted on the same general plan indicated by the provisions of this act, and to provide for the expenses thereof out of the revenues of the city in which the same is so established; Provided, That any free employment office established by the common council of any city in this state shall be required to report weekly to the Commissioner, giving a detailed account of the transactions of said office and the names and addresses of all applicants; and said Commissioner shall be required to make a corresponding report weekly to each free employment office so established by any incorporated city within this State.

The annual report of the Commissioner of Agriculture, Labor and Industry shall contain a detailed account of the transactions of all free employment offices within the State, showing the number of applicants for help, and the number of applicants for employment, male and female, and the number securing employment through said offices, and the expenses thereof.

It shall also be the duty of the Commissioner to post a printed notice of this act in a conspicuous place in each employment office so established. It shall also be his duty to post in front of such office on a sign board, or in a conspicuous place on the outside of the buildings where such offices are located, the words "Free Public Employment Office."

The privileges of this section shall extend only to those out of employment and residing within the State.

#### BOARDS OF ARBITRATION AND CONCILIATION.

##### Sections 3330-3338 Political Code.

Sec. 3330. There is a State Board of Arbitration and Conciliation consisting of three members, whose term of office is two years and until their successors are appointed and qualified. The board must be appointed by the Governor, with the advice and consent of the Senate. If a vacancy occurs at any time the Governor shall appoint some one to serve out the unexpired term, and he may in like manner remove any member of said board.

Sec. 3331. One of the board must be an employer, or selected from some association representing employers of labor; and one of them must be a laborer, or selected from some labor organization, and not an employer of labor, and the other must be a disinterested citizen.

Ses. 3332. The members of the board must, before entering upon the duties of their office, take the oath required by the constitution. They shall at once organize by the choice of one of their number as chairman. Said board may appoint and remove a clerk of the board; who shall receive such compensation as may be allowed by the board, but not exceeding five dollars per day for the time employed. The board shall, as soon as possible after its organization, establish such rules or modes of procedure as are necessary, subject to the approval of the Governor.

Sec. 3333. Whenever any controversy or dispute, not involving questions which may be the subject of a civil action, exists between an employer (if he employs twenty or more in the same general line of business in the State) and his employes, the board must, on application as hereinafter provided, visit the locality of the dispute and make inquiry into the cause thereof, hear all persons interested therein who may come before them, advise the respective parties what, if anything, ought to be done, by either or both, to adjust said dispute, and the board must make a written decision thereon. The decision must at once be made public, and must be recorded in a book kept by the clerk of the board, and a statement thereof published in the annual report, and the board must cause a copy thereof to be filed with the clerk of the county where the dispute arose.

Sec. 3334. The application to the board of arbitration and conciliation must be signed by the employer, or by a majority of his employes in the department of the business in which the controversy or difference exists, or their duly authorized agent or by both parties, and shall contain a concise statement of the grievances complained of, and a promise to continue on in business or at work without any lockout or strike until the decision of

said board if it shall be made within four weeks of the date of the filing of said application. When an application is signed by an agent claiming to represent a majority of such employes, the board shall satisfy itself that such agent is duly authorized in writing to represent such employes, but the names of the employes giving such authority shall be kept secret by said board; as soon as may be after the receipt of said application the secretary of said board shall cause public notice to be given for the time and place for the hearing thereon; but public notice need not be given when both parties to the controversy join in the application and present therewith a written request that no public notice shall be given; when such request is made notice shall be given to the parties interested in such manner as the board may order; and the board may, at any stage of the proceedings, cause public notice to be given, notwithstanding such request. When notice has been given as aforesaid, each of the parties to the controversy, the employer on one side, and the employes interested on the other side, may in writing nominate, and the board may appoint, one person to act in the case as expert assistant to the board.

The two persons so appointed shall be skilled in and conversant with the business or trade concerning which the dispute has arisen. It shall be their duty, under the direction of the board, to obtain and report to the board, information concerning the wages paid, the hours of labor and the methods and grades of work prevailing in manufacturing establishments, or other industries or occupations, within the State of a character similar to that in which the matters in dispute have arisen. Said expert assistants shall be sworn to the faithful discharge of their duty; such oath to be administered by any member of the board, and a record thereof shall be preserved with the records of the proceedings in the case. They shall be entitled to receive from the treasury of the State such compensation as shall be allowed and certified by the board not exceeding ——— dollars per day, together with all necessary traveling expenses. Nothing in this act shall be construed to prevent the board from appointing such other additional expert assistant or assistants as it may deem necessary, who shall be paid in like manner. Should the petitioner or petitioners fail to perform the promise made in said application, the board shall proceed no further thereupon without the written consent of the adverse party. The board shall have power to summon as witness any operative or employe in the department of business affected and any person who keeps the records of wages earned in those departments, and to examine them under oath, and to require the production of books containing the record of wages paid. Summons may be signed and oaths administered by any member of the board.

Sec. 3335. Upon the receipt of said application and after such notice, the board shall proceed as before provided, and render a written decision, which shall be open to public inspection, shall be recorded upon the records of the board, and published at the discretion of the same in an annual report to be made to the Governor on or before the first day of December in each year.

Sec. 3336. Any decision made by the board is binding upon the parties who join in the application for six months, or until either party has given the other notice in writing of his intention not to be bound by the same at the expiration of sixty days therefrom. The notice must be given to employes by posting the same in three conspicuous places in the shop, office, factory, store, mill or mine where the employes work.

Sec. 3337. The parties to any controversy or difference as described in Sec. 3333 of this code may submit the matters in dispute, in writing, to a local board of arbitration and conciliation; such board may be either mutually agreed upon, or the employer may designate one of the arbitrators, the employes, or their duly authorized agent, another, and the two arbitrators so designated may choose a third, who shall be chairman of the board. Such board shall, in respect to the matters referred to it, have and exercise all the powers which the state board might have and exercise, and its decision shall have whatever binding effect may be agreed upon by the parties to the controversy in the written submission. The jurisdiction of such board shall be exclusive in respect to the matters submitted to it, but it may ask and receive the advice and assistance of the state board. The decision of

such board shall be rendered within ten days of the close of any hearing held by it; such decision shall at once be filed with the clerk of the county in which the controversy or difference arose, and a copy thereof shall be forwarded to the state board and entered on its records. Each of such arbitrators shall be entitled to receive from the treasury of the county in which the controversy or difference that is the subject of the arbitration exists, if such payment shall be approved by the commissioners of said county, the sum of three dollars for each day of actual service, not exceeding ten days for any one arbitration.

Whenever it is made to appear to the mayor of any city or two commissioners of any county, that a strike or lockout such as described hereafter in this section is seriously threatened, or actually occurs, the mayor of such city, or said commissioners of such county, shall at once notify the state board of the fact.

Whenever it shall come to the knowledge of the state board, either by notice from the mayor of a city, or two or more commissioners of a county, as provided in this section, or otherwise, that a strike or lockout is seriously threatened or has actually occurred in any city or county of this state, involving an employer and his present or past employes, if at the time he is employing or up to the occurrence of the strike or lockout was employing not less than twenty persons in the same general line of business in any city, town or county in this state, it shall be the duty of the state board to put itself in communication as soon as may be with such employer and employes, and endeavor by mediation to effect an amicable settlement between them, or to endeavor to persuade them, provided that a strike or lockout has not actually occurred or is not then continuing, to submit the matters in dispute to a local board of arbitration and conciliation as above provided, or to the state board; and said state board may, if it deems it advisable, investigate the cause or causes of such controversy, and ascertain which party thereto is mainly responsible or blameworthy for the existence or continuance of the same, and may make and publish a report finding such cause or causes, and assigning such responsibility or blame. The board shall have the same powers for the foregoing purposes as are given it by Sec. 3333 of this code.

Witnesses summoned by the state board shall be allowed the sum of fifty cents for each attendance, and the further sum of twenty-five cents for each hour of attendance in excess of two hours, and shall be allowed, five cents per mile of travel each way from their respective places of employment or business to the place where the board is in session. Each witness shall certify in writing the amount of his travel and attendance and the amount due him shall be certified to the state board of examiners for auditing, and the same shall be paid as other expenses of the state from any moneys in the state treasury.

Sec. 3338. The arbitrators hereby created must be paid five dollars for each day of actual service and their necessary traveling expenses and necessary books or record, to be paid out of the treasury of the state as by law provided.

## REGULATING HOURS OF LABOR OF STATIONARY ENGINEERS.

### Sections 3370-3372 Political Code.

Sec. 3370. That from and after the first day of May, A. D. 1893, it shall be unlawful for any person or persons to operate or handle for more than eight hours in each twenty-four hours any first motion or direct-acting hoisting engine; any geared or indirect-acting hoisting engine at any mine employing fifteen or more men underground, where the duties of a fireman are performed by the engineer in charge; also any stationary engineer operating a stationary engine developing fifty or more horse power where such engineer has charge or control of a boiler or boilers in addition to the other duties performed by him.

This act shall only apply to such steam plants as are in continuous operation, or are operated twenty or more hours in each twenty-four hours.

Sec. 3371. From and after the first day of May A. D. 1893, it shall be unlawful for any person or persons, company or corporation to induce or persuade or prevail upon any

person or persons to operate or handle such steam engine or engines for more than eight hours in each twenty-four hours as described in Sec. 3370 of this act; Provided, however, that the provisions of this act shall not apply to persons running any engine or machinery more than eight hours in each twenty-four for the purpose of relieving another employe in case of sickness or other unforeseen cause.

Sec. 3372. An person or persons, company or corporation who shall violate any of the provisions of this act, upon conviction shall be punishable by a fine of not less than ten dollars nor more than one hundred dollars, and each and every day that such person or persons, company or corporation may continue to violate any of the provisions of this act, shall be considered a separate and distinct offense, and punishable as such.

### MISMANAGEMENT OF STEAM BOILERS.

#### Sections 632-634 Penal Code.

Sec. 632. Every engineer or other person having charge of any steam boiler, steam engine, or other apparatus for generating or employing steam, used in any manufactory, steamboat, railway, mining, milling or other mechanical works, who wilfully or from ignorance or from gross neglect, creates, or allows to be created, such an undue quantity of steam as to burst or break the boiler, or engine or apparatus, or cause any other accident whereby human life is endangered, is guilty of a felony.

Sec. 633. Every person who operates any steam boiler or steam engine without first obtaining a license from the boiler inspector or assistant boiler inspector, as required by law, is punishable by a fine not exceeding fifty dollars, or by imprisonment in the county jail not exceeding thirty days, or both.

Sec. 634. Every owner, renter, or user of a steam boiler, who uses a boiler or steam engine which has become unsafe from any cause, or has been notified by the boiler inspector or his assistant, that such boiler or steam engine is unsafe from any defect, or that repairs are necessary, and after such notice uses the same, is punishable by imprisonment in the county jail not exceeding three months, or by fine not exceeding two hundred and fifty dollars, or both.

### CRIMES AGAINST PUBLIC SAFETY.

#### Sections 670-671 Penal Code.

Sec. 670. Every person having charge of a steam boiler or steam engine, or other apparatus for generating or employing steam, used in any manufactory, or on a railroad, or in any vessel, or in any kind of mining, milling or mechanical works, who wilfully or from ignorance or neglect, creates or allows to be created such an undue quantity of steam as to burst or break the boiler, engine or apparatus, or to cause any other accident, whereby the death of a human being is produced, is punishable by imprisonment in the state prison for not less than one nor more than ten years.

Sec. 671. Every conductor, engineer, brakeman, switchman or other person having charge, wholly or in part, of any railroad car, locomotive or train, who wilfully or negligently suffers or causes the same to collide with another car, locomotive or train, or with any other object or thing, whereby the death of a human being is produced, is punishable by imprisonment in the state prison for not less than one nor more than ten years.

### SAFETY APPARATUS AND SIGNALS.

#### Sections 3650-3654 Political Code.

Sec. 3650. It is unlawful for any person to sink or work through any vertical shaft, where mining cages are used, at a greater depth than two hundred feet, unless the shaft is provided with an iron bonneted safety cage to be used in lowering and hoisting employes, or any other persons. The safety apparatus, whether consisting of eccentrics,



springs or other device, must be securely fastened to the cage and of sufficient strength to hold the cage loaded at any depth to which the shaft may be sunk. The iron bonnet must be made of boiler sheet iron of good quality, at least three-sixteenths of an inch in thickness and must cover the top of the cage in such manner to afford the greatest protection to life and limb, from any debris or anything falling down the shaft.

Sec. 3651. The penalty for violating any of the provisions of the preceding section is provided in Section 705 of the Penal Code.

Sec. 3652. It is made the duty of the inspector of mines of Montana, and he is hereby required to prepare a complete code of signals for use in all mines in this state, worked through a shaft of seventy-five feet or more in depth, and employing ten or more men, and cause the same to be made known to each owner or operator of a mine in Montana by printed circular instructions to the end that a uniform code of mine signals may prevail. The said inspector of mines of Montana may add to or change such code of signals as circumstances may require, but no change of signals shall go into effect until a time specified by him, not less than sixty days nor more than ninety days from the time such change shall be ordered by him; Provided, that the code of signals first prepared by him shall be used in all said shaft mines from and after June 1, 1895.

Sec. 3653. Any owner or operator of a mine who shall refuse or neglect to cause the signals provided for in Section 3652 of this act to be used in his mine to the exclusion of all other signals, shall be deemed guilty of a misdemeanor and upon conviction of such refusal or neglect, shall be fined in a sum not less than one hundred dollars nor more than five hundred dollars, or by imprisonment in the county jail for a period of not less than thirty days or more than ninety days, in the discretion of the court, for each and every offense.

Sec. 3654. All fines which may be collected under the provisions of this act, shall be paid into and form a portion of the public school fund in the county in which the conviction takes place.

#### Section 705 Penal Code.

Sec. 705. It is unlawful for any person or corporation to sink or work through any vertical shaft where mining cages are used at a greater depth than three hundred feet unless the said shaft shall be provided with, an iron-bonneted safety cage to be used in the lowering and hoisting of the employes thereof. The safety apparatus, whether consisting of eccentrics, springs or other device, must be securely fastened to the cage and must be of sufficient strength to hold the cage loaded at any depth to which the shaft may be sunk. The iron bonnet aforesaid must be made of boiler sheet iron of good quality, of at least three sixteenths of an inch in thickness, and must cover the top of such cage in such a manner as to afford the greatest protection to life and limb from anything falling down said shaft. Every person or corporation failing to comply with the provisions of this section is punishable by fine not exceeding one thousand dollars.

#### CERTAIN LIENS FOR SALARIES AND WAGES.

##### Sections 2150-2151 Code of Civil Procedure.

Sec. 2150. In all assignments of property made by any person to trustees or assignees on account of the inability of the person, at the time of the assignment, to pay his debts, or in proceedings of insolvency, the wages of the miners, mechanics, salesmen, servants, clerks, or the laborers employed by such person, to the amount of two hundred dollars each and for services rendered within sixty days previously, are preferred claims, and must be paid by such trustees or assignees before any other creditor or creditors of the assignor.

Sec. 2151. In case of the death of any employer the wages of each miner, mechanic, salesman, clerk, servant and laborer for services rendered within sixty days next preceding the death of the employer, not exceeding two hundred dollars, rank in priority next

after the funeral expenses, expenses of the last sickness, the charges and expenses of administering upon the estate, and the allowance to the widow and infant children, and must be paid before other claims against the estate of the deceased person. (See also Sections 2152 to 2156.)

### LIENS ON REAL PROPERTY.

#### Sections 2130-2131 Code of Civil Procedure.

Sec. 2130. Every mechanic, miner, machinist, architect, foreman, engineer, builder, lumberman, artisan, workman, laborer and any person performing any work and labor upon, or furnishing any material, machinery or fixture for any building, structure, bridge, flume, canal, ditch, aqueduct, mining claim, quartz lode, tunnel, city or town lot, farm, ranch, fence, railroad, telegraph, telephone, electric light, gas or water works or plant, or any improvements, upon complying with the provisions of this Chapter, for his work or labor done, or material, machinery or fixtures furnished, has a lien upon the property upon which the work or labor is done, or material furnished.

Sec. 2131. Every person wishing to avail himself of the benefits of this Chapter, must file with the county clerk of the county in which the property or premises mentioned in the preceding Section is situated, and within ninety days after the material or machinery aforesaid has been furnished, or the work or labor performed, a just and true account of the amount due him, after allowing all credits, and containing a correct description of the property to be charged with such lien, verified by affidavit, but any error or mistake in the amount or description does not affect the validity of the lien, if the property can be identified by the description, which paper containing the account, description and affidavit is deemed the lien. (See also Sections 2132 to 2141.)

### PREFERENCE FOR WAGES IN ASSIGNMENTS.

#### Section 4514 Civil Code.

Sec. 4514. In all assignments of property made by any person, association, corporation, co-partnership, chartered company or corporation, to trustees or assignees on account of inability of the assignor or assignors at the time of the assignment to pay his or their debts, or in proceedings in insolvency, the wages of the miners, mechanics, salesmen, servants, clerks or laborers employed by such assignor or assignors for services rendered within sixty days immediately previous to such assignment, not to exceed two hundred dollars for each person, are preferred claims, and must be paid by such trustees or assignees before any other creditor or creditors of such assignor.

### PERSONAL INJURY CONTRACTS.

#### Section 2242 Civil Code.

Sec. 2242. Any contract or agreement entered into by any person, company or corporation, with its servants or employes, whereby such person, company or corporation shall be released or discharged from liability or responsibility on account of personal injuries received by such servants or employes while in the service of such person, company or corporation, by reason of the negligence of such person, company or corporation, or the agents or employes thereof, shall be absolutely null and void. (See also Secs. 2243 to 2249.)

### EARNINGS OF THE WIFE.

#### Sections 223-225, Chapter III, Title I, Part III, Div. I, Civil Code.

Sec. 223. The earnings and accumulations of the wife are not liable for the debts of the husband.

Sec. 224. The earnings and accumulations of the wife, and of her minor children liv-

ing with her or in her custody, while she is living separate from her husband, are the separate property of the wife.

Sec. 225. All work and labor performed by a married woman for a person other than her husband and children shall, unless there is a written agreement on her part to the contrary, be presumed to be performed on her separate account.

### APPRENTICES.

#### Sections 360-369 Civil Code.

Sec. 360. Every minor, with the consent of the persons or officers hereinafter mentioned, may, of his own free will, bind himself, in writing, called an indenture of apprenticeship, to serve as a clerk, apprentice or servant, in any profession, trade or employment, until his majority, or for any stated time, and such binding shall be as valid and effectual as if such minor was of full age at the time of making the engagement.

Sec. 361. Consent to an indenture of apprenticeship must be given by a certificate at the end thereof, or endorsed thereon, signed:

1. By the father and mother of the apprentice.
2. If the father lacks capacity to consent, or has abandoned or neglected to provide for his family, or is dead, and no testamentary guardian or executor has been appointed by him, with power under the will to bring up the child to a calling, and certificate of such fact is endorsed on the indenture by a justice of the peace of the town, then by the mother.
3. If the father is dead, and such guardian or executor has been appointed by him, then by such guardian or executor.
4. If the mother is dead, or lacks capacity to consent, then by the father.
5. If there is no parent of no capacity to consent, and no such executor, then by the guardian; or,
6. If there is no such parent, executor or guardian, then by the county commissioners of the county, or by any two justices of the peace of the town, or by the district judge.

Sec. 362. The executors of any last will of a parent who shall be directed in such will to bring up his or her child to some trade or calling, may bind such child to service as a clerk or apprentice in like manner, as the father might have done if living. If there is a surviving mother, her consent also is necessary.

Sec. 363. The county commissioners may bind out minors who are or shall become chargeable to such county, to be clerks, apprentices or servants, which binding shall be as effectual as if such minors had bound themselves with the consent of their father and mother.

Sec. 364. The age of every infant so bound shall be inserted in the indentures, and shall be presumed to be the true age; and whenever public officers are authorized to execute any indentures, or their consent is required to the validity of the same, it shall be their duty to inform themselves fully of the infant's age.

Sec. 365. Every sum of money paid or agreed for, with or in relation to the binding out of any clerk, apprentice or servant shall be inserted in the indenture.

Sec. 366. The indenture shall also contain an agreement, on the part of the person to whom such child shall be bound, that he will cause such child to be instructed to read and write, and to be taught the general rules of arithmetic, or, in lieu thereof, that he will send such child to school three months of each year of the period of indenture.

Sec. 367. The counterpart of any indenture executed by any county, or city or town officers, must be by them deposited in the office of the county clerk.

Sec. 368. Such indenture of apprenticeship may be annulled for:

1. Fraud in the contract of indenture.
2. When such contract is not made or executed in accordance with the provisions of this title.
3. For willful non-fulfillment by such master, of the provisions of such indenture.
4. Cruelty or maltreatment of such apprentice by the master. In such cases the apprentice may recover for his services.

Sec. 369. In no case shall a minor be bound by an indenture until a duplicate thereof shall have been deposited in the office of the county clerk for the benefit of the minor.

#### CHILD LABOR IN MINE.

##### Section 474 Penal Code.

Sec. 474. Every person who receives or employs any child under fourteen years of age in any underground works or mine, or in any similar business, is punishable by a fine not exceeding one thousand dollars. (See also as relates to neglect or abandonment of children, Sections 470 to 475.)

#### PAY ENVELOPES.

##### Section 109 Penal Code.

Sec. 109. It shall be unlawful for any employer, in paying his employes the salary or wages due them, to enclose their pay in "pay envelopes" upon which there is written or printed the name of any candidate or political mottoes, devices or arguments containing threats or promise, express or implied, calculated or intended to influence the political opinions or actions of such employes. Nor shall it be lawful for an employer, within ninety days of an election, to put up or otherwise exhibit in his factory, workshop or other establishment or place where his workmen or employes may be working, any handbill or placard containing any threat or promise, notice or information, that in case any particular ticket or political party, or organization, or candidate shall be elected, work in his place or establishment will cease, in whole or in part, or shall be continued or increased, or his place or establishment be closed up, or the salaries or wages of his workmen or employes be reduced or increased or other threats, or promises, express or implied, intended or calculated to influence the political opinions or actions, of his workmen or employes. This section shall apply to corporations as well as individuals, and any person violating the provisions of this Section is guilty of a misdemeanor, and shall be punished by a fine of not less than twenty-five dollars nor more than five hundred dollars, and imprisonment not exceeding six months in the county jail, and any corporation violating this Section shall be punished by fine not to exceed five thousand dollars, or forfeit its charter, or both such fine and forfeiture.

#### SUNDAY CLOSING OF BARBER SHOPS.

##### Sections 531-532 Penal Code.

Sec. 531. It is unlawful to conduct the business of hair cutting, shaving or shampooing, or to open barber shops for the doing of such business, on Sunday.

Sec. 532. Any person violating the provisions of this Act is guilty of a misdemeanor and upon conviction thereof shall be fined for the first offense, not less than fifteen dollars and not to exceed fifty dollars and for any subsequent violation, a fine not less than twenty-five dollars and not exceeding one hundred dollars shall be imposed.

#### BRINGING ARMED MEN INTO THE STATE.

##### Section 759 Penal Code.

Sec. 759. Every person who brings into this State an armed person or armed body of men for the preservation of the peace or the suppression of domestic violence, except at the solicitation and by the permission of the legislative assembly or of the governor, is punishable by imprisonment in the state prison not exceeding ten years and by a fine not exceeding ten thousand dollars.

#### LABOR OF CONVICTS.

##### Sections 2960-2961 Penal Code.

Sec. 2960. The board (of state prison commissioners) may, in its discretion, cause the prisoners, or any number of them, to be employed in any mechanical pursuits, and at hard

labor, and furnish any convicts thus employed with any material that may be deemed necessary, in the same manner as is provided for the furnishing of supplies and stores to the state prison, and the board shall, in all respects, have the exclusive control of the employment of the convicts, and may from time to time employ them in such manner as, in its opinion, will best subserve the interest of the state and the welfare of the prisoners. But neither the board nor the warden must let by contract to any person the labor of any convict in the prison.

Sec. 2961. If, at any time, the board is of the opinion that it would be to the interest of the state to employ any portion of the prisoners, either within or without the walls or enclosures of the state prison, either in improvement of the public grounds or buildings or otherwise where they may be profitably employed, it has power to so employ such labor; it must, in such case, direct the warden accordingly in writing, and cause a record of such order to be entered at length on the records of the board.

#### OBLIGATIONS OF EMPLOYER AND EMPLOYEES.

##### Sections 2650-2686 Civil Code.

Sec. 2650. The contract of employment is a contract by which one, who is called the employer, engages another, who is called the employe, to do something for the benefit of the employer or of a third person.

Sec. 2660. An employer must indemnify his employe, except as prescribed in the next section, for all that he necessarily expends or loses in direct consequence of the discharge of his duties as such, or of his obedience to the directions of the employer, even though unlawful, unless the employe, at the time of obeying such directions, believed them to be unlawful.

Sec. 2661. An employer is not bound to indemnify his employe for losses suffered by the latter in consequence of the ordinary risks of the business in which he is employed.

Sec. 2662. An employer must in all cases indemnify his employe for losses caused by the former's want of ordinary care.

Sec. 2670. One who, without consideration, undertakes to do a service for another, is not bound to perform the same, but if he actually enters upon its performance, he must use at least slight care and diligence therein.

Sec. 2671. One who, by his own special request, induces another to intrust him with the performance of a service, must perform the same fully. In other cases, one who undertakes a gratuitous service may relinquish it at any time.

Sec. 2672. A gratuitous employe, who accepts a written power of attorney, must act under it so long as it remains in force, or until he gives notice to his employer that he will not do so.

Sec. 2673. One who, for a good consideration, agrees to serve another, must perform the service, and must use ordinary care and diligence therein, so long as he is thus employed.

Sec. 2674. One who is employed at his own request to do that which is more for his own advantage than for that of his employer, must use great care and diligence therein to protect the interest of the latter.

Sec. 2675. A contract to render personal service, other than a contract of apprenticeship, as provided in the chapter on apprentices, cannot be enforced against the employe beyond the term of two years from the commencement of service under it; but if the employe voluntarily continues his service under it beyond that time, the contract may be referred to as affording a presumptive measure of the compensation.

Sec. 2676. An employe must substantially comply with all the directions of his employer concerning the service on which he is engaged, except where such obedience is impossible or unlawful, or would impose new and unreasonable burdens upon the employe.

Sec. 2677. An employe must perform his service in conformity to the usage of the place of performance, unless otherwise directed by his employer, or unless it is impracticable, or manifestly injurious to his employer to do so.

Sec. 2678. An employe is bound to exercise a reasonable degree of skill, unless his employer has notice, before employing him, of his want of skill.

Sec. 2679. An employe is always bound to use such skill as he possesses, so far as the same is required, for the service specified.

Sec. 2680. Everything which an employe acquires by virtue of his employment, except the compensation, if any, which is due to him from his employer belongs to the latter, whether acquired lawfully or unlawfully, or during or after the expiration of the term of his employment.

Sec. 2681. An employe must, on demand, render to his employer just accounts of all his transactions in the course of his service as often as may be reasonable, and must, without demand, give prompt notice to his employer of everything which he receives for his account.

Sec. 2682. An employe who receives anything on account of his employer, in any capacity other than that of a mere servant, is not bound to deliver it to him until demanded, and is not at liberty to send it to him from a distance, without demand, in any mode involving greater risk than its retention by the employe himself.

Sec. 2683. An employe who has any business to transact on his own account, similar to that entrusted to him, by his employer, must always give the latter the preference.

Sec. 2684. An employe who is expressly authorized to employ a substitute is liable to his principal only for want of ordinary care in his selection. The substitute is directly responsible to the principal.

Sec. 2685. An employe who is guilty of a culpable degree of negligence is liable to his employer for the damage thereby caused to the latter; and the employer is liable to him, if the service is not gratuitous, for the value of such services only as are properly rendered.

Sec. 2686. Where service is to be rendered by two or more persons jointly, and one of them dies, the survivor must act alone, if the service to be rendered is such as he can rightly perform without the aid of the deceased person, but not otherwise.

## MASTER AND SERVANT.

### Section 2720-2726 Civil Code.

Sec. 2720. A servant is one who is employed to render personal service to his employer, otherwise than in the pursuit of an independent calling, and who in such service remains entirely under the control and direction of the latter, who is called his master.

Sec. 2721. A servant is presumed to have been hired for such length of time as the parties adopt for the estimation of wages. A hiring at a yearly rate is presumed to be for one year; a hiring at a daily rate for one day; a hiring by piece work, for no specified term.

Sec. 2722. In the absence of any agreement or custom as to the term of service, the time of payment, or rate or value of wages, a servant is presumed to be hired by the month, at a monthly rate of reasonable wages, to be paid when the service is performed.

Sec. 2723. Where, after the expiration of an agreement respecting the wages and the term of service, the parties continue the relation of master and servant, they are presumed to have renewed the agreement for the same wages and term of service.

Sec. 2724. The entire time of a domestic servant belongs to the master, and the time of other servants to such extent as is usual in the business in which they serve, not exceeding in any case ten hours in the day.

Sec. 2725. A servant must deliver to his master, as soon as with reasonable diligence he can find him, everything that he receives for his account, without demand; but he is not bound without orders from his master, to send anything to him through another person.

Sec. 2726. A master may discharge any servant, other than an apprentice, whether engaged for a fixed term or not:

1. If he is guilty of misconduct in the course of his service, or of gross immorality, though unconnected with the same; or

2. If, being employed about the person of the master, or in a confidential position, the master discovers that he has been guilty of misconduct, before or after the commencement of his service, of such a nature that if the master had known or contemplated it, he would not have so employed him.

#### TERMINATION OF EMPLOYMENT.

##### Sections 2700-2707 Civil Code.

Sec. 2700. Every employment in which the power of the employe is not coupled with an interest in its subject is terminated by notice to him of:

1. The death of the employer; or,
2. His legal incapacity to contract.

Sec. 2701. Every employment is terminated:

1. By the expiration of its appointed term.
2. By the extinction of its subject.
3. By the death of the employe; or,
4. By his legal incapacity to act as such.

Sec. 2702. An employe, unless the term of his services has expired, or unless he has a right to discontinue it at any time without notice, must continue his service after notice of the death or incapacity of his employer, so far as is necessary to protect from serious injury the interests of the employer's successor in interest, until a reasonable time after notice of the facts has been communicated to such successor. The successor must compensate the employe for such service according to the terms of the contract of employment.

Sec. 2703. An employment having no specified term, may be terminated at the will of either party, on notice to the other, except where otherwise provided by this title.

Sec. 2704. An employment, even for a specified term, may be terminated at any time by the employer, in case of any wilfull breach of duty by the employe in the course of his employment, or in case of his habitual neglect of his duty or continued incapacity to perform it.

Sec. 2705. An employment, even for a specified term, may be terminated by the employe at any time, in case of any wilfull or permanent breach of the obligations of his employer to him as an employe.

Sec. 2706. An employe, dismissed by his employer for good cause, is not entitled to any compensation for services rendered since the last day upon which a payment became due to him under the contract.

Sec. 2702. An employe who quits the service of his employer for good cause, is entitled to such proportion of the compensation which would become due in case of full performance, as the services which he has already rendered, bear to the services which he was to render as full performance.

#### HOMESTEADS.

##### Sections 1670-1694 Civil Code.

Sec. 1670. The homestead consists of the dwelling house in which the claimant resides, and the land on which the same is situated, selected as in this title provided.

Sec. 1671. If the claimant be married, the homestead may be selected from the property of the husband, or, with the consent of the wife, from her separate property. When the claimant is not married, but is the head of a family, within the meaning of Sec. 1694, the homestead may be selected from any of his or her property.

Sec. 1672. The homestead cannot be selected from the separate property of the wife without her consent, shown by her making, or joining in making, the declaration of homestead.

Sec. 1673. The homestead is exempt from execution or forced sale, except as in this title provided.

Sec. 1674. The homestead is subject to execution or forced sale in satisfaction of judgments obtained:

1. Before the declaration of homestead was filed for record, and which constitute liens upon the premises; but no judgments obtained before this code takes effect shall constitute such liens.

2. On debts secured by mechanics', laborers', or vendors' liens upon the premises.

3. On debts secured by mortgages on the premises, executed and acknowledged by the husband and wife, or by an unmarried claimant.

4. On debts secured by mortgages on the premises, executed and recorded before the declaration of homestead was filed for record.

Sec. 1675. The homestead of a married person cannot be conveyed or encumbered unless the instrument by which it is conveyed or incumbered is executed and acknowledged by both husband and wife.

Sec. 1676. A homestead can be abandoned only by a declaration of abandonment, or a grant thereof, executed and acknowledged:

1. By the husband and wife, if the claimant is married.

2. By the claimant if unmarried.

Sec. 1677. A declaration of abandonment is effectual only from the time it is filed in the office in which the homestead was recorded.

Sec. 1678. When an execution for the enforcement of a judgment obtained in a case not within the classes enumerated in Section 1674 is levied upon the homestead, the judgment creditor may apply to the district court of the county in which the homestead is situated, or a judge thereof, for the appointment of persons to appraise the value thereof.

Sec. 1679. The application must be made upon a verified petition showing:

1. The fact that an execution has been levied upon the homestead.

2. The name of the claimant.

3. That the value of the homestead exceeds the amount of the homestead exemption.

Sec. 1680. The petition must be filed with the clerk of the district court.

Sec. 1681. A copy of the petition, with a notice of the time and place of hearing, must be served upon the claimant, at least two days before the hearing.

Sec. 1682. At the hearing the judge may, upon proof of the service of a copy of the petition and notice, and of the facts stated in the petition, appoint three disinterested residents and freeholders of the county to appraise the value of the homestead.

Sec. 1683. The persons appointed, before entering upon the performance of their duties must take an oath to faithfully perform the same.

Sec. 1684. They must view the premises and appraise the value thereof, and if the appraised value exceeds the homestead exemption they must determine whether the land claimed can be divided without material injury.

Sec. 1685. Within fifteen days after their appointment they must make to the judge a report in writing, which report must show the appraised value and their determination upon the matter of a division of the land claimed.

Sec. 1686. If, from the report, it appears to the judge that the land claimed can be divided without material injury, he must, by an order, direct the appraisers to set off to the claimant so much of the land, including the residence, as will amount in value to the homestead exemption, and the execution may be enforced against the remainder of the land.

Sec. 1687. If, from the report, it appears to the judge that the land claimed exceeds in value the amount of the homestead exemption, and that it cannot be divided, he must make an order directing its sale under execution.

Sec. 1688. At such sale no bid must be received, unless it exceeds the amount of the homestead exemption.

Sec. 1689. If the sale is made the proceeds thereof, to the amount of the homestead exemption, must be paid to the claimant and the balance applied to the satisfaction of the execution.



Sec. 1690. The money paid to the claimant is entitled, for the period of six months thereafter, to the same protection against legal process and the voluntary disposition of the husband, which the law gives to the homestead.

Sec. 1691. The court must fix the compensation of the appraisers, not to exceed three dollars per day each for the time actually engaged.

Sec. 1692. The execution creditor must pay the costs of these proceedings in the first instance, but in the cases provided for in Sections 1686 and 1687 the amount so paid must be added as costs on execution and collected accordingly.

Sec. 1693. Homesteads may be selected and claimed:

1. Consisting of any quantity of land not exceeding one hundred and sixty acres used for agricultural purposes, and the dwelling house thereon and its appurtenances, and not included in any town plot, city, or village, or,

2. A quantity of land not exceeding in amount one-fourth of an acre, being within a town plot, city, or village, and the dwelling house thereon and its appurtenances. Such homestead, in either case, shall not exceed in value the sum of two thousand five hundred dollars.

Sec. 1694. The phrase "head of a family" as used in this title, includes within its meaning:

1. The husband, when the claimant is a married person.

2. Every person who has residing on the premises with him or her or under his or her care and maintenance, either:

First—His or her minor child, or the minor child of his or her deceased wife or husband.

Second—A minor brother or sister, or the minor child of a deceased brother or sister:

Third—A father, mother, grandfather or grandmother.

Fourth—The father, mother, grandfather, or grandmother of a deceased husband or wife.

Fifth—An unmarried sister or any other of the relatives mentioned in this section who have attained the age of majority and are unable to take care of or support themselves.

## HOMESTEAD OF THE HEAD OF A FAMILY.

### Sections 1700-1703 Civil Code.

Sec. 1700. In order to select a homestead, the husband or other head of a family, or in case the husband has not made such selection, the wife must execute and acknowledge, in the same manner as a grant of real property is acknowledged, a declaration of homestead, and file the same for record.

Sec. 1701. The declaration of homestead must contain:

1. A statement showing that the person making it is the head of a family; or when the declaration is made by the wife, showing that her husband has not made such declaration, and that she therefore makes the declaration for their joint benefit.

2. A statement that the person making it is residing on the premises and claims them as a homestead.

3. A description of the premises.

4. An estimate of their actual cash value.

Sec. 1702. The declaration must be recorded in the office of the clerk of the county in which the land is situated.

Sec. 1703. From and after the time the declaration is filed for record, the premises therein described constitute a homestead.

Upon the death of the person whose property was selected as a homestead, it shall go to his or her heirs or devisees, subject to the use of the widow during her life, if the property selected as a homestead, before selection, belonged to the husband; and subject to

the use of the husband during his life, if the property selected as a homestead before selection belonged to the wife.

And in no case shall the homestead be held liable for the debts of the owner except as provided in this title.

### EXEMPTION FROM EXECUTION.

#### Sections 1221-1222 Code of Civil Procedure.

Sec. 1221. The following property is exempt from execution, except as herein otherwise provided:

In all cases all wearing apparel of the judgment debtor and family; also all chairs, tables, desks and books to the value of two hundred dollars; and also all necessary household, table and kitchen furniture of the judgment debtor, including one sewing machine, stoves, stove-pipes and stove furniture, heating apparatus, beds, bedding and bedsteads, and provisions and fuel provided for individual or family use sufficient for three months, and also one horse, saddle and bridle, two cows with their calves, four hogs, and fifty domestic fowls, and feed for such animals for three months, one clock and all family pictures.

Sec. 1222. In addition to the property mentioned in the preceding section, there shall be exempt the following property:

1. To a farmer: Farming utensils or implements of husbandry, not exceeding in value six hundred dollars; also, two oxen, or two horses or mules, and their harness, one cart or wagon, and food for such oxen, horses, cows or mules for three months; also, all seed, grain or vegetables actually provided, reserved, or on hand, for the purpose of planting or sowing at any time within six months, not exceeding in value the sum of two hundred dollars.

2. To a mechanic or artisan; Tools or implements necessary to carry on his trade.

3. To a surgeon, physician or dentist: The instruments and chest necessary to the exercise of his profession, with his scientific and professional libraries, and necessary office furniture.

4. To attorneys at law and ministers of the gospel, etc.: The professional libraries of attorneys, counselors and judges, and ministers of the gospel, editors, school teachers and music teachers, and their necessary office furniture; also all the musical instruments of music teachers; also the notarial seal, records and office furniture of a notary public.

5. To a miner: His cabin or dwelling, sluices and pipes, hose, windlass, derricks, cars, pumps, tools, implements and appliances necessary for carrying on any kind of mining operations, not exceeding in value the aggregate sum of one thousand dollars, and one horse or mule with harness, and food for such horse or mule, for three months, when such horse or mule is used in working his mine or mining claim.

6. To a cartman, hackman, huckster, peddler, teamster or laborer: One horse or mule, and harness for two animals, or two oxen, and harness, and one cart or wagon, one dray or truck, one hack or carriage, by the use of which such person habitually earns his living; and one vehicle and harness or other equipments used by a physician or surgeon or minister of the gospel in making his professional visits, with food for such horse, mule or oxen for three months.

7. The earnings of the judgment debtor for his personal services rendered at any time within thirty days next preceding the levy of execution or attachment, when it appears by the debtors affidavit, or otherwise, that such earnings are necessary for the use of his family residing in this state, supported in whole or in part by his labor; but where debts are incurred by any such person, or his wife or family, for the common necessities of life the one-half of such earnings above mentioned are, nevertheless, subject to execution, garnishment or attachment to satisfy debts so incurred. The words "his family" as used herein, are to be construed with the words "head of a family" used in Section 1694 of the civil code.

8. All moneys, benefits, privileges, or immunities accruing or in any manner growing out of any life insurance on the life of the debtor, if the annual premiums do not exceed five hundred dollars.

9. All fire engines, hooks and ladders, with the cart, trucks and carriages, hose, buckets, implements, and apparatus thereto appertaining, and all furniture and uniforms of any fire company or department organized under any laws of this state.

10. All arms, uniforms, and accoutrements required by law to be kept by any person and also one gun, to be selected by the debtor.

11. All court houses, jails, public offices and buildings, lots, grounds, and personal property, the fixtures, furniture, books, papers and appurtenances belonging and pertaining to the court house, jail and public offices belonging to any county of this state, and all cemeteries, public squares, parks, and places, public buildings, town halls, public markets, buildings for the use of fire departments and military organizations, and the lots and grounds thereto belonging and appertaining, owned or held by any town or incorporated city, or dedicated by such town or city to health, ornament, or public use, or for the use of any fire or military company organized under the laws of this state.

No article, however, or species of property mentioned in this section, is exempt from execution issued upon a judgment recovered for its price, or upon a judgment of foreclosure of a mortgage lien thereon, and no person not a bona fide resident of this state shall have the benefit of these exemptions.

No person can claim more than one of the exemptions mentioned in the first six subdivisions of this Section.

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